GENERAL CATALOGUE OF THE HOMOPTERA

Fascicle VII
CERCOPOIDEA

Part 1
MACHAEROTIDAE

BY

Z. P. METCALF, D. Sc.
State College of the University of North Carolina

Contribution from the Entomology Department, North Carolina Agricultural Experiment Station, Raleigh, N. C., U. S. A. Published by North Carolina State College, Raleigh, N. C. with the approval of the Director of Research, as Paper No. 1115.

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INTRODUCTION

A catalogue of animals should serve practically all fields of biology. It should be, therefore, as complete a listing of all the records of families, subfamilies, tribes, genera, species, and varieties as it is possible for the author to assemble. The nature of the reference is of the greatest importance. A student of zoogeography should be able to find a complete list of the regions inhabited by the various species. The student of ecology should be able to find references to all that is known about the life history, food plants, and other pertinent data. The student of eeonomic entomology should be able to eheek the histories of those species that are suspected of being injurious to plants. The plant disease specialist should be able to check the current nomenelature of the species which are disease vectors or suspected of being disease vectors. Those research workers studying morphology, physiology, or genetics should be able to trace the development in the field of their special interest. And lastly, the student of taxonomy should be relieved of the burden of searching for past recordings, and the journals which publish taxonomie papers should not have to pay the cost of publishing the past records and duplicating the synonymy that is already well known. Thus it would be necessary only to record synonymy which has been developed since the publication of the eatalogue.

In this as in other catalogues of the present series the family is divided into genera which are arranged in as nearly a phylogenetic order as our present knowledge will permit. The species are arranged under the genera in alphabetic sequence.

The notes which follow the references are generally self explanatory, but three points may be mentioned here. Such notations as "[described]," "[notes]," "[key]," and the like are intended to be suggestive rather than precise or exclusive. The notation "[error]" means not accepted in this catalogue. Usually the latest published synonymy is aeeepted, but not always. The notation "[comparative note]" is used to designate those references, often of the greatest taxonomic significance, in which two generic, specific or other groups are compared. All references have been cheeked against the original save those marked with an asterisk (*), which have been accepted from reliable sources. Every effort has been made to have the references full and complete and to give an indication of the eharaeter of the data contained. Where the writer knows that reprints have been issued with different pagination, this is indicated in parentheses following the page numbers of the original. In a few cases, where the matter has been reprinted under a different title with different pagination, separate references are given. Where authentic editions have been republished these have been indicated by separate references. Genera established without included species have been dated from their original description, with their type fixation dated at the earliest time the action can logically be interpreted to have occurred. Original spellings have been retained in all cases, except obvious typographical errors. Typographical errors are indicated by placing "[sic]" after the misspelled name. This is not for the purpose of calling attention to the mistakes authors have made but to make certain that students following the catalogue have a clear understanding of what is implied.

The determination of obvious typographical errors is not always easy. These errors range all the way from clearly apparent transpositions of letters, to misspelled names of individuals, geographical names, and many others of like character. However, so many generic names have been formed by the transposition and substitution of letters that one is often at a loss to know which names are misspelled and which are not. For example, Neokolla and Keonolla, or Alebra, Elabra, and Eualebra.

All variations in spelling save those which refer to endings only, are appropriately cross-referred. The species have also been listed under every known generic combination so that it is possible to find any species without recourse to the index, which will be published at the completion of the Fascicle.

The writer takes no pride in the authorship of *nomina nova*. He uses them only when he thinks they are necessary. No new names are proposed for species or genera described by living authors without first giving the original author an opportunity to correct primary or secondary homonyms.

A catalogue is not a revision of a group and the location of the genera and species in the present catalogue is merely an attempt to reflect what is believed to be the general consensus of the best authorities at the present time. Doubtful genera and species have been included to call them to the attention of subsequent revisers.

An attempt has been made throughout this catalogue to interpret all references in the light of the period in which they were published. This is not always easy and leads perhaps to erroneous conclusions at times, but it is certainly much sounder from the standpoint of nomenclature than the tendency to evaluate references from previous decades in the light of present day practices and procedures.

In this series we have departed from our previous method of giving latinized names to varieties which in the past have been designated by Arabic letters, Greek letters, numbers, or other designations. All varieties are catalogued, however, under the first designation regardless of its form. Some of these varieties may prove to be valid species with further study and then may be given latinized designations.

Primary homonyms of species have been replaced by nomina nova;

secondary homonyms have been restored to their original names if the homonymy has been relieved by moving one or the other or both species to other genera.

All specific endings have been modified to agree with the suggestions made by Blackwelder 1940, Journal of the Washington Academy of Sciences 31: 135–140. There are certain disadvantages inherent in this method, but it seems to the writer that these limitations are outweighed by the advantages of this system. We are confronted by so many coined words that can have no sex that it seems better to use this system and disregard apparent violations of Latin and Greek grammar. Where the sex of generic names can be determined the appropriate adjustments are made in the specific names.

In a detailed catalogue such as this it is practically impossible to eliminate all errors. We will appreciate it very much if our attention is directed to all such mistakes. It is especially easy to overlook local lists when published in the proceedings of local natural history societies, references to species of economic importance when published in scientific agricultural journals, references to vectors of plant diseases when published in phytopathological journals, and many other references of a similar nature. It will be very much appreciated if authors will send us reprints of all articles dealing with the Homoptera. Also it would seem that changes in the nomenclature adopted in this catalogue should not be made in the future without a full explanation.

All literature available to the writer before December 31, 1955, has been included in this catalogue.

The present catalogue of the Family Machaerotidae is the first part of the Cercopoidea. This was virtually complete at the time of the death of Dr. Z. P. Metcalf on January 5, 1956. It was completed with the aid of Miss Virginia Wade, Research Analyst, N. C. State College, who worked with Dr. Metcalf for seven years, and the technical advice of Dr. David A. Young, N. C. State College, and Dr. P. W. Oman, Insect Identification and Parasite Introduction Laboratories, U. S. Department of Agriculture, Beltsville, Maryland. The higher categories utilized in this classification are those decided upon by Dr. Metcalf during his work on the catalogue.

In this part of the catalogue a method of literature citation has been adopted which differs from that used in the catalogues of the fulgoroid families. This change has been instituted to save time, space, and publication costs. It is believed that the revised method of literature citation will cause no great inconvenience to the reader. Dr. Metcalf himself advocated it under certain conditions in the past, and it is felt that the use of abbreviated literature citations would have met with his approval for his catalogues.

Under the abbreviated system used here, and to be used for subsequent portions of the Cercopoidea catalogue, the literature references are cited by author, year, and key letter, e.g. Fabrieius 1802a. The full reference ean be obtained by consulting the Bibliography of the Cercopoidea in which authors are arranged alphabetically and their works ehronologically under the author's name. This method of eitation eliminates the necessity for a eomplete literature eitation in the eatalogue proper.

The Family Machaerotidae consists of thirty-one genera and 104 species. This family may be characterized as follows: Head narrower than pronotum: face strongly inflated. Thorax with seutellum as long or longer than pronotum and either asuminate apically or with a strong, arehed, apieal spine which is directed eaudoventrad. Forewing with a single clayal vein or with two elaval veins which coalesee at or before their midlength. Hind wing with the outer branch of vein R (vein R_{2+3}) absent. Nymphs forming fixed ealeareous tubes of which the shape is specifically distinct.

The following classification has been adopted for this family:

Pag	e
Family Maehaerotidae	1
Subfamily Hindolinae	4
Tribe Hindolini	4
Tribe Hindoloidini	1
Subfamily Machaerotinae	6
Tribe Sigmasomini	7
Tribe Maehaerotini	
Subfamily Maxudeinae	

One of the species in the present eatalogue has a distribution eovering two or more zoogeographie regions. The other species are recorded as follows: 34 from the Malaysian Region, 24 from the Oriental Region, 18 from the Palearetie Region, 17 from the Australian Region, 8 from the Ethiopian Region, and 2 from the Austromalayan Region.

The known geographic distribution of each species is indicated by superscript figures at the end of the lines, which correspond to geographic regions designated by the same superscript figures. In general the distribution is as given by the author of the reference, using the country as the smallest unit except in the larger countries where states and provinces are used as the smallest units. In the larger island groups the individual islands are indicated wherever possible in view of the importance of island endemism.

> Z. P. Metcalf AND

D. A. Young

Raleigh, North Carolina January 1960

Family MACHAEROTIDAE Stål

Machaerotida Stål 1866a: 55 Subfamily [Key]

Dallas 1867a: 569 Subfamily [Key]

Machaerotina Stål 1870c: 727 Subfamily [Listed]

Atkinson 1885a: 22 Subfamily [Described, catalogued]

Equals Machaerotida

Machaerotida Hansen 1890a: 28 [Listed]

Kirkaldy 1906c: 290 [Key]

Machaerotinae Kirkaldy 1906c: 380 [Key] :388 Subfamily [Cata-

logued]

Kirkaldy 1907d: 19 [Key]

:22 [Key to genera from Australia]

Schmidt 1907b: 165 Subfamily [Monograph of the genera and species]

Distant 1908g: 79 Subfamily [Key, described, key to genera, catalogued] Equals Machaerotida Stål Equals Machaerotina Stål

Kirkaldy 1909j: 179 Subfamily [Listed] Lefroy and Howlett 1909a: 732 [Notes]

Banks 1910a: 49 Subfamily [Listed] Kirkaldy 1910a: 103 (1) [Notes]

Lallemand 1912a: 6 Subfamily [Key, described, key to tribes, catalogued] Equals Machaerotida Equals Machaerotina

Schmidt 1912e: 172 Subfamily [Catalogued] :173 [Comparative note]

Kirkaldy 1913a: 10 Subfamily [Notes]

Maki 1914a: 354 [Listed]

Melichar 1914b: 115 Subfamily [List of species from Java]

Schumacher 1915a: 84 Subfamily [Listed] Distant 1916a: 183 Subfamily [Listed] Matsumura 1916b: 414 [Key] :419 [Notes] Oshanin 1916a: 74 Subfamily [Bibliography]

Delétang 1917a: 263 Subfamily [Key] :264 [Zoo-geography]

Matsumura 1917b: 414 [Key] :419 [Notes] Schmidt 1918c: 366 Subfamily [Listed]

Baker 1919a: 68 [Described] :69 Subfamily [Key to tribes]

Machaerotidae

Matsumura 1920a: 361 [Review of species from Japan]

Schmidt 1920b: 65 Subfamily [Notes]

Jacobi 1921a: 2 Subfamily [New species from various regions]

Hacker 1922a: 280 Subfamily [Listed]

Delétang 1923a: 584 Subfamily [Key, zoogcography]

Goding 1923a: 45 (1) Subfamily [Key] Lefroy 1923a: 262 Subfamily [Notes]

Haupt 1924a: 299 Subfamily [A new genus with a new

species from China]

Handlirsch 1925a: 1114 Subfamily [Described] Equals

Machaerotina Equals Machaerotida

Singh-Pruthi 1925b: 201, 202 Subfamily [Listed] Hacker 1926a: 246 [New species from Queensland]

Tillyard 1926d: 163 Subfamily [Listed]

Baker 1927a: 530 Family [Key, key to subfamilies and

tribes]

Machaerotinae Lallemand 1927b: 99 Subfamily [New species from

various regions

Machaerotidae Kato 1928e: 35 Family [Listed]

Machaerotinae Schmidt 1928b: 111 Subfamily [Listed]

Haupt 1929e: 222 Subfamily [Key]

Machaerotidae Kato 1929a: 543 Family [A new species from Formosa]

Kato 1930a: 292 [Listed]

Machaerotinae Pendlebury 1930a: 108 Subfamily [Listed]

Machacrotidae Kato 1931c: 60 [Listed]

Brucs and Melander 1932a: 109 [Key]

Kato 1932a: 139 Family [Listed]

Machaerotinae Matsumura 1932b: 306 [Listed]

Monte 1932a: 15 Subfamily [Listed]

Machaerotidae Kato 1933e: 3 [Listed]

Kato 1933d: 14 [Listed]

Kato 1933p: 31 Family [List of species from Japan] Metcalf and Horton 1934a: 371 Family [Key] :423 [Notes] :424 [Key to subfamilies and tribes]

Okamoto 1934a: 403 [Listed]

Machaerotinae Silvestri 1934a: 328 Subfamily [Listed]

Machacrotidae China 1935c: 82 Family [A new genus and a new species

from Nyasaland]

Macherotines Lamcere 1935a: 399 [Notes]

Machaerotinae Wu 1935a: 33 Subfamily [Catalogued] Equals Machaerotida Equals Machaerotina Wu 1935b: 151 Subfamily [Catalogued] Merino 1936a: 314 Subfamily [Phylogeny] Haku 1937b: 70 [List of species from Korea] Machaerotidae Evans 1938a: 7 [Listed] Machaerotinae Evans 1938e: 24 [Notes on venation] Kato 1939i: 648 Family [Listed] Maehaerotidae Metcalf 1939a: 247 [Listed] Evans 1940b: 70, 75 Family [Notes] Lieftinck 1940a: 8 [Listed] Machaerotinae Matsumura 1940a: 36 [Key] :39 Subfamily [Key to general:81 [Listed] Matsumura 1940b: 49 Subfamily [List of species from Manchurial Machaerotidae Jaeobi 1941a: 319 Family [Zoogeography] da Costa Lima 1942a: 71 [Listed] Essig 1942a: 309 Family [Listed] :317 [Notes] MachaerotinaeLiu 1942e: 5 [Listed] Machaerotidae Matsumura 1942b: 100 [Key] :105 [Key to genera] Jaeobi 1944a: 24 Family [New species from Fukien] :25 [Comparative note, catalogued] Metealf 1944b: 151 [Bibliography] Maa 1947a: 1 [Key] :2 Family [Described, key to subfamilies :25 [Listed] Metealf 1947a: 174; Pl. 29 Family [Zoogeography, illustratedl Machaerotinac Maa 1949a: 14 [Comparative note] Lallemand 1951a: 82 Subfamily [Listed] Metcalf 1951a: 10 Family [Phylogeny] Maehaerotidae Pesson 1951a: 1502 [Listed] Kato 1952a: 38 Family [Zoogeography] Metealf 1952a: 228 Family [Listed] Obenberger 1952b: 24 [Listed] Machaerotinae Villiers 1952a: 215 Subfamily [Described, key, review] of genera and species from Africa, zoogeographyl Machaerotidae

Machaerotidae Franco 1953a: 6 [Notes]

Machaerotinac Lallemand and Synave 1953a: 234 [Listed]

Mathur 1953a: 146 Subfamily [List of genera from

India]:151 [Listed]

Maehaerotidae — Brues, Melander, and Carpenter 1954a: 144 [Key]

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Machaerotinae Lallemand 1955a: 406 Subfamily [A new species from Transvaal]

Subfamily **HINDOLINAE** Baker

Hindoliinae Baker 1927a: 531 Subfamily [Key, key to genera]

[sic] Equals Enderleiniinae

Hindolinae Brues and Melander 1932a: 109 [Key] Equals Ender-

leiniinae

Kato 1933p: 31 Subfamily [List of species from Japan] Metealf and Horton 1934a: 424 Subfamily [Notes, key]

Hindoliinae [sic]

Hindolinae China 1935e: 82 Subfamily [Listed] Equals Ender-

leiniinae Schmidt

Hindoliinae Kato 1939i: 649 Subfamily [Catalogue of species from

[sie] Japan

Hindolinae Metealf 1939a: 247 [Listed]

Hindoliinae Evans 1940b: 70 Subfamily [Listed]

[sie]

Hindolinae Metcalf 1944b: 151 [Bibliography]

Maa 1947a: 1, 25 [Listed] :3 [Key] :6 Subfamily [De-

scribed, key to general :20 [Key to genera]

Hindolini Lallemand 1951a: 83 Tribe [Described]

Hindolinae Kato 1952a: 39 Subfamily [Notes]

Metealf 1952a: 228 Subfamily [Listed]

Brues, Melander, and Carpenter 1954a: 144 [Key]

Equals Enderleiniinae

Tribe HINDOLINI Lallemand

Enderleiniini Sehmidt 1907b: 166 Tribe [Key] :167 [Key to genera]

Lallemand 1912a: 7 Tribe [Key, described, catalogued,

key to genera]

Sehmidt 1912c: 172 Tribe [Described, catalogued]

Schumaeher 1915a: 84 Tribe [Listed] Schmidt 1918c: 366 Tribe [Listed]

Baker 1919a: 67 [Notes]

Enderleinini Haupt 1924a: 299 Tribe [Listed]

[sic]

Hindolini Lallemand 1924c: 297 Tribe [A new species from New

Caledonia

Enderleiniini Handlirsch 1925a: 1114 [Listed]

Hindolini Baker 1927a: 531 [Key]

China 1935e: 82 Tribe [Listed]

cm 1 2 3 4 5 6 SciELO 10 11 12 13 14 15

Hindolina

Lallemand 1951a: 83 Subtribe [Described] :84 [New

genera and species]

Hindolini

Metcalf 1952a: 228 Tribc [Listed]

Genus Hindola Kirkaldy

Orthotype [Hindola] viridieans Kirkaldy 1900b: 243

Type *Hindola viridicans* Lallemand 1912a: 72 Type *H[indola] viridicans* Distant 1916a: 195

Type Ptyelus viridicans Baker 1927a: 538

[Carystus Stål]

[Logotype Ptyelus viridicans Stål]

[Makiptyelus Maki]

[Haplotype Makiptyelus dimorphus [n. sp.] Maki 1914a: 354]

[Type Makiptyelus dimorphus Matsumura 1940a: 40]

[Modiglianiella Schmidt]

[Orthotype Modiglianiella sumatrensis [n. sp.] Schmidt 1912e: 173] [Type Modiglianella [sic] sumatrensis Lallemand 1912a: 12]

[Peetinariophycs Kirkaldy]

[Haplotype [Pectinariophyes] pectinaria [n. sp.] Kirkaldy 1906c: 386]

[Type Pectinarophycs [sie] pectinaria Lallemand 1912a: 10]

[Type [Peetinariophycs] pectinaria Schmidt 1912e: 173]

 $[Polytrichophycs\ Schmidt]$

[Orthotype Polytrichophyes acqualior Schmidt 1918c: 366]

[Quinquatrus Distant]

[Orthotype Q[uinquatrus] dohertyi [n. sp.] Distant 1916a: 197]

[Type Q[uinquatrus] dohertyi Baker 1927a: 539]

[Taihorina Schumacher]

[Orthotype Taihorina geisha [n. sp.] Schumacher 1915a: 84]

[Type T[aihorina] geisha Baker 1927a: 539]

 $[Xenaias \ {\bf Distant}]$

[Овтнотуре X[enaias] notandus [n. sp.] Distant 1916a: 198]

[Type X[enaias] notandus Baker 1927a: 539]

Carystus Stål 1862a: 303 [gen. n.]

Stål 1866a: 69 [Key] :81 [Described, catalogued]

Dallas 1867a: 571 [Comparative note] Marsehall 1873a: 357 [Catalogued]

Spångberg 1878e: 11 [Catalogued, key to species]

Seudder 1882b: 55 [Listed]

Atkinson 1885a: 21 [Described, eatalogued]

Hindola Kirkaldy 1900b: 243 Nom. nov. pro Carystus Stål

[1862] [nee Carystus Huebner 1819]

Carystus Meliehar 1902e: 113 (38) [Comparative note]

Waterhouse 1902a: 169 [Listed] Hindola

Pectinariophyes Kirkaldy 1906e: 386 [gen. n.] :276 [Life history notes]

:277, 312 [Listed]

Kirkaldy 1906e: 384 [Comparative note] :387 [Cata-Hindola

logued

Kirkaldy 1907d: 19 [Taxonomy] Equals Carystus Kirkaldy 1907d: 19 [Comparative note] :22 [Key] Pectinariophyes |

Modialianiella Sehmidt 1912e: 173 [gen. n.]

Lallemand 1912a: 7 [Key] :12 [Described, catalogued] Modiglianella

[sie]

Lallemand 1912a: 7 [Key] :10 [Described, eatalogued] **Pectinarophyes**

[sie]

Hindola Lallemand 1912a: 21 [Key]: 72 [Described, eatalogued]

Equals Carystus Stål

Sehmidt 1912e: 173 [Comparative note] **Pectinariophyes**

> Waterhouse 1912a: 221 [Listed] Kirkaldy 1913a: 10 [Notes]

Maki 1914a: 354 [gen.n.] Makiptyelus

Distant 1915d: 507 [Comparative note] Equals Carystus Hindola

Taihorina . Sehumaeher 1915a: 84 [gen. n.]

Schumacher 1915a: 84 [Comparative note] Modiglianella

[sie]

Distant 1916a: 195 [Described, zoogeography, cata-Hindola logued] Equals Carystus Stål :196 [Comparative

notel

Distant 1916a: 197 [gen. n.] Quinquatrus Distant 1916a: 198 [gen. n.] Xenaias CarustusOshanin 1916a: 74 [Bibliography]

Polytrichophyes Sehmidt 1918e: 366 [gen. n.]

Hindola Baker 1919a: 67 [Comparative note] Equals Carystus

Stål

Baker 1919a: 67 [Comparative notes] :68 [Zoogeog-Modiglianella

[sie] raphyl

Baker 1919a: 67 [Comparative note] Quinquatrus

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Pectinarophyes Baker 1919a: 68 [Zoogeography, eatalogued] [sie] Pectinariophyes Jacobi 1921a: 3 Equals Pectinarophyes [sie] Hacker 1922a: 280 [Listed] Haupt 1924a: 299 [Comparative note] Modiglianellasie Pectinariophyes Tillyard 1926d: 163; Text fig. Q23 [Notes, illustrated] Hindola. Baker 1927a: 529 [Notes] :532 [Key] :538 [Notes, eatalogued] :532, 538 Equals Modiglianella [sie] Sehmidt Equals Pectinariophyes Kirk. Equals Polytrichophyes Schmidt Equals Taihorina Schum. :538 Equals Carystus Stål :532, 538, 546 Equals Quinquatrus Dist. Equals Xcnaias Dist. :540 [Notes on nymphal tubes :535, 537, 541, 542, 543, 544, 545, 546 [Comparative notes] Carystus Schulze, Kükenthal and Heider 1927a: 559 [Catalogued Kato 1928c: 35 [A new species from Formosa] Makiptyelus Hindola Pendlebury 1930a: 108 [Listed] Sehulze, Kükenthal and Heider 1930a: 1559 [Catalogued Equals Carystus Stål Brues and Melander 1932a: 109 [Zoogeography] ModiglianiellaSchulze, Kükenthal and Heider 1932a: 2122 [Catalogued Schulze, Kükenthal and Heider 1933b: 2550 [Cata-**Pcctinariophyes** logued *Polytrichophyes* Schulze, Kükenthal and Heider 1935a: 2793 [Cataloguedl Quinquatrus Sehulze, Kükenthal and Heider 1936a: 2991 [Catalogued Taihorina Schulze, Kükenthal and Heider 1938a: 3378 [Catalogued Neave 1939a: 595 [Catalogued] To Hindola Kirk. Carystus Hindola Neave 1939b: 659 [Catalogued] Equals Carystus Stål. Evans 1940b: 72 Equals Pectinariophycs Kirk. Makiptyelus Matsumura 1940a: 39 [Key]: 40 [Described, eatalogued] :82 [Listed] TaihorinaMatsumura 1940a: 39 [Key] :41 [Comparative note] Matsumura 1940a: 40 [Comparative note] Hindola ModiglianiellaNeave 1940a: 196 [Catalogued]

Neave 1940a: 630 [Catalogued] Neave 1940a: 865 [Catalogued]

Pectinariophyes

Polytrichophyes

Quinquatrus Neave 1940b: 3 [Catalogued] Taihorina Neave 1940b: 390 [Catalogued] *Xenaias* Neave 1940b: 665 [Catalogued]

Schulze, Kükenthal, and Heider 1940a: 3663 [Cata-

logued

Essig 1942a: 318 [Listed] *Pectinariophyes*

Hindola Liu 1942e: 5, 7 [Comparative notes] Makiptyelus Matsumura 1942b: 106 [Key] Hindola Matsumura 1942b: 106 [Key] Taihorina Matsumura 1942b: 106 [Kev]

Hindola Jacobi 1944a: 25 [Comparative note] Taihorina Jacobi 1944a: 25 [Comparative note]

McKeown 1944c: 281 [Notes] Pectinariophyes Metcalf 1944b: 137 [Bibliography] Makiptuelus Metcalf 1944b: 151 [Bibliography] Carystus

Hindola. Maa 1947a: 7, 20 [Key] :8, 20 [Described] :10, 17 [Listed] :8, 18, 20 Equals Makiptyelus Mats. Equals Parahindola Bak. [crror]:25 [Catalogue of

species from China]

Taihorina Maa 1947a: 8 [Comparative note]:10 [Listed]

Makiptyelus Maa 1947a: 17 [Listed]

Carystus Maa 1947a: 8 [Comparative note]

Hindola Maa 1949a: 11 [Listed]

Makiptyelus Neave 1950a: 146 [Catalogued]

Hindola Lallemand 1951a: 87 [Comparative note] Equals

Carystus

Brucs, Melander, and Carpenter 1954a: 144 [Zoogeography]

_Spångberg (var.) [mutabilis]. See Hindola mutabilis var._Spångberg.

aequalior Kirkaldy

[Polychaetophyes] aegualior Kirkaldy 1906c: 385 [n. sp.] :312 [Listed]² P[olychaetophyes] aegualior Lallemand 1912a: 10 [Catalogued]¹ Polytrichophyes aequalior Schmidt 1918c: 367 [Described]¹ [Hindola] aegualior Baker 1927a: 538 [Listed]

Localities: 1 Queensland. 2 Australia.

albicincta Erichson. See Bathyllus albicinctus Erichson. Family APHROPHORIDAE.

antica Jacobi

Pectinariophyes antica Jacobi 1921a: 3; Figs. 1, 1a [n. sp., illustrated]¹ Localities: 1 Dutch New Guinea.

australiae Walker

Lepyronia (?) australiae Walker 1851b: 727 [n. sp.]¹ Aphrophora admittens Walker 1858e: 345 [n. sp.]¹ Aphrophora (?) areolata Walker 1858c: 345 [n. sp.]²

[Lepyronia] (?) australiae Dohrn 1859a: 69 [Listed]1

[Carystus australiae] Stål 1862b: 494 [Catalogued] Equals Lepyronia (?) australiae Walk. Equals Aphrophora admittens Walk. Equals Aphrophora (?) areolata Walk.

Lepyronia (?) australiae Kirkaldy 1906c: 387 [Catalogued]¹ Equals Aphrophora admittens Walk. Equals A[phrophora] (?) areolata Walk.

H[indola] australiae Lallemand 1912a: 72 [Catalogued]¹ Equals Aphrophora admittens Walk. Equals Aphrophora areolata Walk. Equals Carystus australiae Stål Equals Lepyronia (?) [australiae] Walk.

Localities: 1 Australia, 2 Tasmania.

bifrons Walker

Aphrophora bifrons Walker 1851b: 702 [n. sp.]¹

[Aphrophora] bifrons Dohrn 1859a: 68 [Listed]¹

A[phrophora] bifrons Kirkaldy 1906c: 38 [Catalogued]¹

H[indola] bifrons Lallemand 1912a: 72 [Catalogued]¹ Equals Aphrophora [bifrons] Walk.

Localities: 1 Australia.

compacta Walker. See Chaetophyes compacta Walker.

convexa Walker. See Bathyllus convexus Walker. Family APHROPHORIDAE.

dimorpha Maki

Makiptyelus dimorphus Maki 1914a: 354; Pl. XVII; 2 text figs. [n. sp., life history, illustrated]

Makiptyelus dimorphus Matsumura 1916b: 419; [Pl. 17], Figs. 20, 20a-d [Notes, illustrated]

Makiptyelus dimorphus Matsumura 1917b: 419; [Pl. 17], Figs. 20, 20a-d [Notes, illustrated]

Makiptyelus dimorphus Matsumura 1920a: 361; Pl. [13], Fig. 2 [Deseribed, eeonomies, illustrated]¹

Makiptyelus dimorphus Matsumura 1931a: [1246]; 1 text fig. [Described, illustrated]¹

 $Makiptyelus\ dimorphus$ Esaki 1932b: 1717; 1 fig. [Described, illustrated]¹

Makiptyelus dimorphus Matsumura 1932b: 306; [Pl. 21], Fig. 2 [Described, illustrated]¹

Hindola dimorpha Kato 1933b: Pl. 46, Figs. 4, 5 [Notes, illustrated]¹ Hindola dimorpha Kato 1933p: 31 [Listed]¹

Makiptyelus dimorphus Haku 1937b: 70 [Listed]²

Makiptyelus dimorphus Watanabe 1937a: 109, 212 [Economics]¹

Hindola dimorpha Kato 1939i: 649 [Catalogued, food plants]³ Equals Makiptyelus dimorphus Maki

 $Makiptyelus\ dimorphus\ Matsumura\ 1940a$: 41 [Listed] :82 [Cataloged]³

Hindola dimorpha Liu 1942e: 5 [Comparative note, catalogued]¹

Neuromachaerota becquarti Liu 1942e: 5–7; 1 pl. [n. sp., illustrated]⁴

Makiptyelus dimorphus [Miwa] 1943a: 72 [Eeonomies]³

Hindola dimorpha Maa 1947a: 1, 17 [Listed] :10; Pl. I, Fig. 3 [Described, food plants, illustrated] Equals Neuromachaerota becquarti
Liu :22 [Food plants]^{3, 4} :21 [Comparative note] :26 [Catalogued]^{3, 4}
Equals Makiptyclus dimorphus Mats. :22, 26 Equals Neuromachaerota becquarti Liu

Makiptyelus dimorphus Maa 1947a: 17, 18 Equals Neuromachaerota becquarti Liu

Localities: 1 Japan. 2 Korea. 3 Formosa. 4 Kiangsu.

dohertyi Distant

Quinquatrus dohertyi Distant 1916a: 197; Fig. 151 [n. sp., illustrated]¹ [Hindola] dohertyi Baker 1927a: 539 [Listed]¹:546; Pl. 4, Fig. 1 [Described, illustrated]:539, 546 Equals Q[uinquatrus] dohertyi Localities: ¹ Tenasserim.

fasciata Lallemand

Hindola fasciata Lallemand 1955a: 406; Figs. 1–3 [n. sp., illustrated]¹ Localities: ¹ Transvaal.

fulva Baker

Hindola fulva Baker 1927a: 541; Pl. 3, Figs. 25–28 [n. sp., illustrated]¹ :543, 546 [Comparative notes] Localities: ¹ Singapore Island.

geisha Schumacher

Taihorina gcisha Schumacher 1915a: 85 [n. sp.]¹

 $[Hindola\ geisha]$ Baker 1927a: 539 [Listed]¹ Equals $T[aihorina]\ geisha$ $Makiptyelus\ fasciatus$ Kato 1928e: 35; Pl. II, Figs. 4a–b [n. sp., illustrated]¹

Taihorina geisha Esaki 1932b: 1718; 1 fig. [Deseribed, illustrated]² Taihorina geisha Kato 1933b: Pl. 46, Fig. 6 [Notes, illustrated]²

Taihorina geisha Kato 1933e: 3; Text fig. 3 [Notes, illustrated]³

Taihorina geisha Kato 1933d: 14 [Listed]³

Taihorina geisha Kato 1933h: 87 [Listed]

Taihorina geisha Kato 1933p: 31 [Listed]²

Taihorina gcisha [Habe and Sakuragi] 1935a: 201 [Listed]

Taihorina geisha Kato 1939i: 649 [Food plants, eatalogued]¹ Equals Makiptyclus fasciatus Kato

Taihorina geisha Matsumura 1940a: 82 [Catalogued]¹
Taihorina geisha Matsumura 1940b: 49 [Catalogued]⁴
T[aihorina] geisha Matsumura 1942b: 82 [Comparative note]

Taihorina tomon Matsumura 1942b: 82 Nom. nov. pro Taihorina geisha Kato [1933] [nec Taihorina geisha Sehumaeher 1915] [Deseribed, eatalogued]^{3, 5}

Hindola robusta Jacobi 1944a: 24 [n. sp.]6

H[indola] geisha Jacobi 1944a: 24 [Comparative note]

Hindola geisha Maa 1947a: 8, 21; Pl. I, Figs. 1–2 [Described, illustrated, food plants]^{3, 6, 7}:17 [Listed]:21 [Comparative note]:25 [Catalogued]^{1, 3, 6, 7} Equals Taihorina geisha Schum.:8, 25 Equals Makiptyelus fasciatus Kato Equals Taihorina tomon Mats.

Taihorina geisha Maa 1947a: 17, 18 Equals T[aihorina] tomon Mats. Hindola geisha Maa 1949a: 11 [Notes]^{1, 3, 6, 7} Equals H[indola] robusta

Localities: ¹ Formosa. ² Japan. ³ Manchuria. ⁴ Southern Manchuria. ⁵ Korea. ⁶ Fukien. ⁷ Chosen.

hyalinipennis Stål

P[tyelus] hyalinipennis Stål 1855a: 96 [n. sp.]¹

Ptyelus hyalinipennis Walker 1858c: 347 [Catalogued]¹

[Ptyelus] hyalinipennis Dohrn 1859a: 68 [Listed]²

[Carystus hyalinipennis] Stål 1862a: 303 Equals Ptyclus hyalinipennis Stål

C[arystus] hyalinopterus Stål 1866a: 82 Nom. nov. pro Ptyelus hyalinipennis Stål [1855]: [Described, catalogued]²

Carystus hyalinopterus Dallas 1867a: 569 Equals Ptyelus hyalinipennis Stål

Carystus hyalinipennis Spångberg 1878e: 14 [Deseribed, eatalogued]² Equals Ptyelus hyalinipennis Stål Equals Carystus hyalinopterus Stål

H[indola] hyalipennis [sic] Lallemand 1912a: 73 [Catalogued]² Equals
 Ptyelus [hyalinipennis] Stål Equals Carystus hyalipennis [sie]
 Spångb. Equals Carystus hyalinopterus Stål

[Hindola] hyalinipennis Jaeobi 1921a: 31 [Listed]

Ptyelus hyalinipennis Maa 1947a: 8 [Comparative note]

H[indola] hyalinipennis Lallemand 1955a: 407 [Comparative note] Localities: ¹ Natal. ² Caffraria.

hyalipennis. Typographiea
I error for Hindola hyalinipennis Stål. longipennis Lallemand. See Strandiana longipennis Lallemand.

lucida Distant

Hindola lucida Distant 1916a: 195; Fig. 149 [n. sp., illustrated]¹ Localities: ¹ Cochin.

luzonensis Baker

 $Hindola\ luzonensis$ Baker 1927a: 540; Pl. 2, Figs. 22–24 [n. sp., illustrated]^1

Localities: 1 Luzon.

mutabilis Spångberg

Carystus mutabilis Spångberg 1878c: 13 [n. sp.]¹

C[arystus] mutabilis Kirkaldy 1906c: 387 [Catalogued]¹

H[indola] mutabilis Lallemand 1912a: 73 [Catalogued]¹ Equals Carystus [mutabilis] Spångb.

Localities: 1 Australia.

mutabilis var._Spångberg

[Carystus mutabilis] var.__Spångberg 1878c: 14 [n. var.]¹ Localities: ¹ Australia.

nitida Baker

Hindola nitida Baker 1927a: 542; Pl. 3, Figs. 29–31 [n. sp., illustrated]¹:542, 546 [Comparative notes]

Localities: 1 British North Borneo.

notanda Distant

Xenaias notandus Distant 1916a: 198; Fig. 152 [n. sp., illustrated]¹ [Hindola notanda] Baker 1927a: 539 [Listed]¹ :545; Pl. 4, Fig. 2 [Described, illustrated] :539, 545 Equals X[enaias] notandus Localities: ¹ Madras.

pectinaria Kirkaldy

[Pectinariophyes] pectinaria Kirkaldy 1906c: 386; Pl. XXVII, Fig. 8 [n. sp., illustrated]¹:312 [Listed]²

P[ectinariophycs] pectinaria Lallemand 1912a: 10 [Catalogued]¹

Pectinariophyes pectinaria Hacker 1922a: 280; Pl. XVII, Figs. 1-4 [Ecology, illustrated] :281 [Comparative note]

Pectinariophyes pectinaria China 1927f: 77; Figs. 3f, 5 [Notes, illustrated] Pectinariophyes pectinaria Evans 1940b: 70 [Life history notes]² Hindola [pectinaria] Evans 1940b: 72 Equals Pectinariophyes pectinaria Kirk.

Pectinariophyes pectinaria Mc Keown 1944c: 281; 2 figs. [Life history notes, illustrated]²

Localities: 1 Queensland. 2 Australia.

reticulata Spångberg. See Neurohindola reticulata Spångberg.

robusta Jacobi. See Hindola geisha Schumacher.

 $sororculus. \ {\bf Typographical\ error\ for\ } {\it Hindola\ sorurcula\ Sp\"{a}ngberg.$

sorurcula Spångberg

 $Carystus\ sorurculus\ {\rm Spångberg\ 1878e\colon 12\ [n.\ sp.]^{1,\ 2}}$

C[arystus] sorurculus Kirkaldy 1906c: 387 [Catalogued]³

H[indola] sororculus [sic] Lallemand 1912a: 73 [Catalogued]³ Equals Carystus [sorurculus] Spångb.

[Hindola] sorurcula Jacobi 1921a: 31 [Listed]

Localities: ¹ Northern Australia, ² Western Australia, ³ Australia,

stålii Spångberg

Carystus stålii Spångberg 1878c: 12 [n. sp.]^{1, 2}

C[arystus] ståli Kirkaldy 1906c: 387 [Catalogued]³

H[indola] stålii Lallemand 1912a: 73 [Catalogued]³ Equals Carystus [stålii] Spångb.

Localities: 1 Northern Australia. 2 Western Australia. 3 Australia.

sumatrensis Schmidt

 $Modiglianiella\ sumatrensis$ Schmidt 1912e: 175; 3 figs. [n. sp., illustrated]
1

M[odiglianiella] sumatrensis Lallemand 1912a: 12 [Catalogued]¹

H[indola] sumatrensis Pendlebury 1930a: 108 [Listed]² Equals Modiglianella [sic] sumatrensis Schmidt

Localities: 1 Sumatra. 2 Malaya.

viridicans Stål

P[tyelus] viridicans Stål 1854b: 251 [n. sp.]¹

Ptyelus viridicans Walker 1858c: 346 [Catalogued]¹

[Ptyelus] viridicans Dohrn 1859a: 68 [Listed]¹

Ptyelus viridicans Stål 1859b: 286 [Described, catalogued]^{1, 2, 3}

 $[Carystus\ viridicans]$ Stål 1862a: 303 Equals $Pt[yclus]\ viridicans$ Stål $Carystus\ viridicans$ Spångberg 1878c: 13 [Described, catalogued]^{1, 2, 3}

Equals Ptyelus viridicans Stål

Carystus viridicans Atkinson 1885a: 21 [Described, catalogued]^{1, 2, 3, 4}

Equals Ptyclus viridicans Stål

[Hindola viridicans] Kirkaldy 1900b: 243 Equals [Carystus] viridicans Stål

Hindola viridicans Distant 1908g: 109 [Catalogued]^{1, 2, 3} Equals Carystus [viridicans] Spångb. Equals Ptyclus [viridicans] Stål

H[indola] viridicans
 Lallemand
 1912a: 73 [Catalogued]^{1, 3, 5} Equals
 Carystus [viridicans]
 Spångb. Equals
 Ptyclus [viridicans]
 Stål

H[indola] viridicans Distant 1916a: 195 [Listed]^{1, 3, 5}:196 [Comparative note]

Hindola viridicans Baker 1927a: 538 [Catalogued]³ Equals Ptyclus viridicans Stål: 540; Pl. 2, Figs. 16–21 [Described, illustrated]³:542 [Comparative notes]

Hindola [viridicans] Liu 1942e: 7 [Described, comparative note, catalogued] Equals Ptyclus viridicans Stål

Localities: ¹ Java. ² Malacca. ³ Singapore Island. ⁴ Tenasserim. (?) ⁵ Tenasserim.

Genus Neurohindola Lallemand

ORTHOTYPE Carystus reticulatus Lallemand 1951a: 87

Neurohindola Lallemand 1951a: 87 [gen. n.]

reticulata Spångberg

Carystus reticulatus Spångberg 1878e: 12 [n. sp.]¹

Carystus reticulatus Kirkaldy 1906c: 387 [Catalogued]²

H[indola] reticulatus Lallemand 1912a: 73 [Catalogued]³ Equals Carystus [reticulatus] Spångb.

[Hindola] reticulata Jaeobi 1921a: 31 [Listed]

[Neurohindola reticulata] Lallemand 1951a: 87 [Catalogued]² Equals Carystus reticulatus Spångb.

Localities: 1 Queensland. 2 Australia. 3 Northern Australia.

Genus Machaeropsis Melichar

Haplotype Machaeropsis valida [n. sp.] Melichar 1903b: 137

Type Mach[aeropsis] valida Schmidt 1907b: 170 Type M[achaeropsis] valida Distant 1908g: 84 Type Machaeropsis valida Lallemand 1912a: 10

[Metaenderleinia Lallemand]

[Orthotype Metaenderleinia nervosa [n. sp.] Lallemand 1936a: 265]

Maehaeropsis

Meliehar 1903b: 137 [gen. n.] :226 [Listed]

Sehmidt 1907b: 167 [Key] :170 [Described, catalogued] Distant 1908g: 80 [Key] :84 [Described, eatalogued] Lallemand 1912a: 7 [Key] :10 [Described, eatalogued]

Waterhouse 1912a: 162 [Listed]

Kirkaldy 1913a: 10 [Comparative note]

Maki 1914a: 354 [Notes]

Distant 1916a: 185 [Comparative note]

Baker 1919a: 67 [Notes, comparative note] :68 [Zoo-

geographyl

Baker 1927a: 532 [Key]

Sehulze, Kükenthal and Heider 1931a: 1930 [Cata-

logued

Merino 1934a: 72 [Phylogeny]

Metaenderleinia Maehaeropsis Lallemand 1936a: 265 [gen. n.] Merino 1936a: 314 [Phylogeny] Matsumura 1940a: 39 [Key] Neave 1940a: 4 [Catalogued] Matsumura 1942b: 106 [Key]

Metealf 1944b: 151 [Bibliography]

Maa 1947a: 7, 20 [Key] :25 [Catalogue of species from China] :7, 17, 18, 20 Equals Metaenderleinia Lall.

Metaenderlcinia Neave 1950a: 154 [Catalogued]

nervosa Lallemand

Metaenderlcinia nervosa Lallemand 1936a: 265; Fig. 1 [n. sp., illus-

M[achaeropsis] ncrvosa Maa 1947a: 7 Equals [Metaendcrlcinia ncrvosa Lall.l

Localities: 1 North Borneo.

taiwana Kato

Machacropsis taiwana Kato 1933p: 32; 1 fig. [n. sp., illustrated]¹

Machacropsis taiwana Kato 1933b: Pl. 47, Fig. 5 [Notes, illustrated]²

Machaeropsis taiwana Kato 1939i: 650 [Catalogued]¹

Macharopsis [sic] taiwana Matsumura 1940a: 82 [Catalogued]¹

Machacropsis taiwana Maa 1947a: 7 [Described]:17, 20 [Listed]¹:25 [Catalogued]1

Localities: 1 Formosa. 2 Japan.

valida Meliehar

Machaeropsis valida Meliehar 1903b: 138; Pl. IV, Figs. 19a-e [n. sp., illustrated]1 :226 [Listed]1

Machaeropsis valida Schmidt 1907b: 172; Fig. 2 [Described, illustrated, eatalogued]1

Machacropsis valida Distant 1908g: 84; Fig. 67 [Described, illustrated, eatalogued]1

M[achaeropsis] valida Lallemand 1912a: 11; Pl. 8, Fig. 14 [Illustrated, eatalogued]1

M[achaeropsis] valida Maa 1947a: 7 [Listed]

Localities: 1 Ceylon.

Genus Apomachaerota Schmidt

ORTHOTYPE Apomachaerota reticulata [n. sp.] Schmidt 1907b: 172 Type Apomachaerota reticulata Lallemand 1912a: 11

Apomaehaerota

Schmidt 1907b: 172 [gen. n.] :167 [Key]

Lallemand 1912a: 7 [Key] :11 [Described, eatalogued]

Waterhouse 1912a: 22 [Listed]

Melichar 1915e: 2 [Comparative note] Sehmidt 1918c: 367 [Comparative note]

Schulze, Kükenthal and Heider 1926b: 240 [Cata-

loguedl

Baker 1927a: 531 [Key] :535 [Comparative notes]

Neave 1939a: 259 [Catalogued]

Maa 1947a: 7, 20 [Key]

reticulata Sehmidt

A pomachaerota reticulata Sehmidt 1907b: 174; Fig. 3 [n. sp., illustrated]¹ A [pomachaerota] reticulata Lallemand 1912a: 11 [Catalogued]¹ LOCALITIES: ¹ Sumatra.

Genus Enderleinia Schmidt

Orthotype Enderleinia bispina [n. sp.] Sehmidt 1907b: 167 Type Enderleinia bispina Lallemand 1912a: 8

Enderleinia

Sehmidt 1907b: 167 [gen. n., key]

Lallemand 1912a: 8 [Described, eatalogued] :7 [Key]

Sehmidt 1912e: 173 [Listed] Waterhouse 1912a: 94 [Listed] Baker 1919a: 68 [Zoogeography] Baker 1927a: 529 [Notes] :532 [Key]

Schulze, Kükenthal and Heider 1929a: 1138 [Cata-

logued]

Brues and Melander 1932a: 109 [Zoogeography] China 1935e: 82 [Listed] :83 [Comparative notes]

Lallemand 1936a: 265 [Comparative note]

Neave 1939b: 230 [Catalogued]

Maa 1947a: 6, 7 [Listed]

Villiers 1952a: 215 [Described, review of species from

Africa, zoogeography]

Brues, Melander, and Carpenter 1954a: 144 [Zoogeography]

bispina Sehmidt

Enderleinia bispina Sehmidt 1907b: 169; Fig. I [n. sp., illustrated]¹

 $E[nderleinia]\ bispina\ Lallemand\ 1912a\colon 8\ [Catalogued]^{\text{\tiny 1}}$

Enderleinia bispina Schmidt 1912e: 172 [Listed] Enderleinia bispina Schmidt 1918e: 366 [Listed]

E[nderleinia] bispina Schmidt 1924b: 289 [Comparative note]

 $E[nderleinia]\ bispina$ China 1935e: 82 [Listed]¹

E[nderleinia] bispina Villiers 1952a: 215; Fig. 295 [Described, illusstrated]^{2, 3, 4}

 ${\tt Localities: {\tt 1} Togo. {\tt 2} Western Africa. {\tt 3} Ivory Coast. {\tt 4} French Equatorial Africa.}$

fumipennis Sehmidt

Enderleinia fumipennis Schmidt 1924b: 289 [n. sp.]¹ E[nderleinia] fumipennis China 1935e: 82 [Listed]¹ LOCALITIES: ¹ Cameroons.

Genus Neuromachaerota Schmidt

Orthotype Neuromachaerota vosseleri [n. sp.] Sehmidt 1912e: 175 Type Neuromachaerota vosseleri Lallemand 1912a: 9

Neuromachaerota Schmidt 1912e: 175 [gen. n.]

Lallemand 1912a: 7 [Key] :8 [Described, catalogued]

Baker 1919a: 68 [Zoogeography]

Baker 1927a: 531 [Key]

Brues and Melander 1932a: 109 [Zoogeography]

Schulze, Kükenthal and Heider 1933a: 2252 [Cata-

loguedl

China 1935e :82 [Listed] :83 [Comparative notes]

Neave 1940a: 328 [Catalogued]

Liu 1942e: 5 [A new species from Kiangsu]

Maa 1947a: 6 [Listed]

Brues, Melander, and Carpenter 1954a: 144 [Zoo-

geographyl

becquarti Liu. See Hindola dimorpha Maki.

obscurior Jaeobi

Neuromachaerota obseurior Jaeobi 1921a: 2 [n. sp.]¹

N[euromachaerota] obscurior China 1935c: 82 [Listed]¹

Localities: 1 Tanganyika.

vosseleri Schmidt

Neuromachaerota vosseleri Sehmidt 1912e: 178; 2 figs. [n. sp., illus-

N[euromachaerota] vosseleri Lallemand 1912a: 9 [Catalogued]¹

N[euromachaerota] vosseleri China 1935c: 82 [Listed]¹

Localities: 1 Tanganyika.

Genus Neuroleinia Lallemand

Orthotype Neuroleinia collarti [n. sp.] Lallemand 1936a: 266

Neuroleinia.

Lallemand 1936a: 266 [gen. n.]

Maa 1947a: 7, 20 [Kev]

Neave 1950a: 175 [Catalogued]

collarti Lallemand

Neuroleinia collarti Lallemand 1936a: 266; Fig. 2 [n. sp., illustrated]¹ LOCALITIES: 1 North Borneo.

Genus Serreia Baker

Haplotype Serreia notabilis [n. sp.] Baker 1927a: 535

Serreia

Baker 1927a: 535 [gen. n.] :532 [Kev] :539 [Compara-

tive notes]

Neave 1940b: 181 [Catalogued]

Maa 1947a: 7, 20 [Kev]

luzonensis Baker (var.). See Serreia notabilis var. luzonensis Baker.

SciELO 10 12 CM 11 13 14 15

notabilis Baker

Serreia notabilis Baker 1927a: 535; Pl. I, Figs. 7–12 [n. sp., illustrated] $^{1,\ 2}$

Localities: 1 Mindanao. 2 Luzon.

notabilis var. luzonensis Baker

Serreia notabilis luzonensis Baker 1927a: 537 [n. var.]¹ Localities: ¹ Luzon.

Genus Parahindola Baker

Haplotype Parahindola borneensis [n. sp.] Baker 1927a: 537

Parahindola Baker 1927a: 537 [gen. n.] :532 [Key] :542 [Comparative notes]

Neave 1940a: 571 [Catalogued]

Maa 1947a: 10, 17 [Listed] :8, 18, 20 To Hindola

Kirk. [error] '

Lallemand 1951a: 84, 86 [Catalogued] :84, 87 [Comparative notes]

borneensis Baker

Parahindola borneensis Baker 1927a: 537; Pl. 2, Figs. 13–15 [n. sp., illustrated]¹

Localities: 1 British North Borneo.

pahangana Lallemand

Parahindola pahangana Lallemand 1951a: 86 [n. sp.]¹ Localities: ¹ Pahang.

Genus Chaetophyes Schmidt

Orthotype Chaetophyes bicolor [n. sp.] Schmidt 1918c: 367

Chaetophyes

Sehmidt 1918e: 367 [gen. n.]

Baker 1927a: 533 [Key] :535, 541 [Comparative notes]

:543 [Notes]

Schulze, Kükenthal and Heider 1927a: 621 [Catalogued]

Neave 1939a: 659 [Catalogued]

Maa 1947a: 6 [Listed]

Lallemand 1951a: 87 [Comparative note]

bicolor Sehmidt

Chaetophyes bicolor Schmidt 1918e: 368 [n. sp.]¹ Chaetophyes unicolor Schmidt 1918e: 369 [n. sp.]¹

Polychaetophyes perkinsi Haeker 1926a: 246; Pl. XLII, Fig. 6 [n. sp., illustrated]²

Chaetophyes bicolor Baker 1927a: 544; Pl. 3, Figs. 32-35 [Notes, il-

lustrated, catalogued] Equals C[haetophycs] unicolor Schmidt Equals Polychaetophyes perkinsi Hack.

Chaetophyes bicolor Lallemand 1927b: 99 [Catalogued, comparative note] Equals Polychaetophyes perkinsi Hack.

Localities: 1 Australia. 2 Queensland.

ceramensis Lallemand

Chaetophyes ceramensis Lallemand 1927b: 99 [n. sp.]¹ Localities: ¹ Ceram.

compacta Walker

Aphrophora compacta Walker 1851b: 701 [n. sp.]¹:702 [Comparative note]

Aphrophora scmiflava Walker 1858b: 187 [n. sp.]² [Aphrophora] compacta Dohrn 1859a: 68 [Listed]¹

[Carystus semiflavus] Stål 1862b: 493 [Catalogued] Equals Aphrophora semiflava Walk. Equals Aphrophora compacta Walk.

Aphrophora compacta Kirkaldy 1906c: 387 [Catalogued]³ Equals [Aphrophora] semiflava Walk.

H[indola] compacta Lallemand 1912a: 72 [Catalogued]¹ Equals Aphrophora [compacta] Walk. Equals Aphrophora semiflava Walk. Equals Carystus compactus Stål

Hindola compacta Evans 1935b: 92; Pl. VI, Figs. 1–5 [Life history notes, illustrated]⁴

Hindola compacta Evans 1938a: 7; Figs. 10–12 [Morphology of head, illustrated]

Hindola compacta Evans 1938e: 24; Pl. IV, Fig. 1 [Wing venation, illustrated]

Chaetophyes compacta Evans 1940b: 72; Figs. 3-6 [Nymph described, illustrated]

Localities: ¹ Tasmania. ² New Hebrides (?). ³ Australia. ⁴ Victoria.

unicolor Schmidt. See Chaetophyes bicolor Schmidt.

vicina Lallemand

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3

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cm

Chaetophycs vicina Lallemand 1927b: 99 [n. sp.]¹ Localities: ¹ New South Wales.

Genus Strandiana Lallemand

Orthotype Strandiana longipensis [sic] Lallemand 1936a: 264 Type Strandiana longipennis Lallemand 1937a: 253

Strandiana Lallemand 1936a: 264 [gen. n]

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Lallemand 1937a: 253 [Catalogued] Neave 1950a: 259 [Catalogued]

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longipennis Lallemand

Hindola longipennis Lallemand 1924c: 297 [n. sp.]¹

Strandiana longipensis [sie] Lallemand 1936a: 264 Equals Hindola [longipennis Lall.]

Strandiana longipennis Lallemand 1937a: 253 [Catalogued]¹ Equals Hindola [longipennis] Lall.

Strandiana longipennis Lallemand 1942e: 430 [Comparative note] Localities: ¹ New Caledonia.

longipensis. Typographical error for Strandiana longipennis Lallemand.

Genus Pseudomachaerota Melichar

Orthotype Pseudomachaerota olivaeea [n. sp.] Melichar 1915e: 1

Pseudomachaerota Melichar 1915c: 1 [gen. 11.]

Schulze, Kükenthal and Heider 1935b: 2913 [Catalogued]

logued]

China 1935e: 82 [Listed]

Neave 1940a: 989 [Catalogued]

Pseudomacha-

Maa 1947a: 6 [Listed]

erta [sic]

olivacea Meliehar

Pseudomachacrota olivacea Melichar 1915e: 2; 2 figs. [n. sp., illustrated]¹ P[seudomachacrota] olivacea China 1935e: 82 [Listed]¹ Localities: ¹ Madagascar.

Genus Soamachaerota Metcalf

Orthotype Polyehaetopyhes [sic] appendiculata Metcalf 1952a: 228

[Soa Jaeobi]

[Orthotype Polychactophyes appendiculata Jacobi 1928a: 46]

Soa

Jacobi 1928a: 46 [gen. n.]

Neave 1940b: 216 [Catalogued] Maa 1947a: 4, 18 [Listed]

Soamachaerota

Metealf 1952a: 228 Nom. nov. pro Soa Jacobi [1928]

[nee Soa Enderlein 1904] [Catalogued]

appendiculata Hacker

Polychaetophyes appendiculata Haeker 1926a: 247; Text fig. 1 [n. sp., illustrated]¹

[Polychactophyes] appendiculata Baker 1927a: 544, 545 [Notes, eatalogued]

[Soa appendiculata] Jacobi 1928a: 47 Equals Polyehaetophyes appendiculata Haek.

[Soamachaerota appendiculata] Metcalf 1952a: 228 Equals Polyehaetopyhes [sic] appendiculata Hack. Localities: 1 Queensland.

tmetoptera Jacobi

Soa tmetoptera Jacobi 1928a: 47 [n. sp.]¹

Localities: 1 Queensland.

Genus Aphromachaerota Lallemand

Haplotype Aphromachaerota adusta [n. sp.] Lallemand 1951a: 84

Aphromachaerota Lallemand 1951a: 84 [gen. n.]

adusta Lallemand

Aphromachaerota adusta Lallemand 1951a: 84 [n. sp.]¹

Localities: 1 China.

Genus Trichophyes Lallemand

Haplotype Trichophyes batangana [n. sp.] Lallemand 1951a: 85

Trichophyes Lallemand 1951a: 85 [gen. n.]

batangana Lallemand

Triehophyes batangana Lallemand 1951a: 85 [n. sp.]¹

LOCALITIES: 1 Perak.

Genus Metahindola Lallemand

Haplotype Metahindola tamangana [n. sp.] Lallemand 1951a: 87

Metahindola Lallemand 1951a: 87 [gen. n.]

tamangana Lallemand

Metahindola tamangana Lallemand 1951a: 87 [n. sp.]¹

LOCALITIES: 1 Pahang.

Tribe HINDOLOIDINI Baker

Hindoloidesini

Baker 1927a: 533 [Key]

China 1935c: 82 Tribe [Listed]

Hindoloidesina

Lallemand 1951a: 84 Subtribe [Described] :88 [A new

genus and a new species

Hindoloidinae

Maa 1947a: 4 [Described, key] :18 Subfamily Equals

Hindoloidesini Tribe :25 [Listed]

Genus Hindoloides Distant

Haplotype Hindoloides indicans [n. sp.] Distant 1915d: 506

Type H[indoloides] indicans Distant 1916a: 196

Hindoloides

Distant 1915d: 506 [gen. n.]

Distant 1916a: 196 [Described, zoogeography, eata-

logued]

Baker 1927a: 533 [Key] :544 [Notes] :546 [Catalogued]

Equals Weigoldella Haupt [error]

Sehulze, Kükenthal and Heider 1930a: 1559 [Catalogued]

Kato 1931e: 60 [Comparative note]

China 1935e: 83, 84 [Comparative notes]

Neave 1939b: 659 [Catalogued] Matsumura 1940a: 39 [Key] Matsumura 1942b: 105 [Key] Metcalf 1944b: 151 [Bibliography]

Maa 1947a: 4 [Described] :18 [Listed] :25 [Catalogue

of species from China]
Maa 1949a: 11 [Listed]

Lallemand 1951a: 84 [Listed] :89 [Comparative note, catalogued]

Kato 1952a: 40 [Listed]

Nato 1952a: 40 [Listed]

albifascia Kato (var.). See Hindoloides rubrodorsum var. albifascia Kato. albofasciata. Typographical error for Hindoloides rubrodorsum var. albifascia Kato. bipunctata Haupt. See Weigoldella bipunctata Haupt.

 $bipunctata~{\tt var.}~albifascia~{\tt Kato.}~{\tt See}~Hindoloidcs~rubrodorsum~{\tt var.}~albifascia~{\tt Kato.}$

bipunctata var. diluta Maa. See Weigoldella bipunctata var. diluta Maa.

bipunctata var. scutellata Maa. See Weigoldella bipunctata var. scutellata Maa. diluta Maa (var.). See Weigoldella bipunctata var. diluta Maa.

formosana Kato

Hindoloides formosana Kato 1929a: 543; Text figs. 1a-f [n. sp., illustrated]¹

Hindoloides formosana Kato 1933b: Pl. 47, Fig. 3 [Notes, illustrated]²

Hindoloides formosana Kato 1933p: 31 [Listed]²

Hindoloides formosanum Kato 1939i: 649 [Catalogued]¹

Hindoloides formosana Matsumura 1940a: 81 [Catalogued]¹

Hindoloides formosana Maa 1947a: 5 [Described] :17, 19 [Listed]¹ :25 [Catalogued]¹

H[indoloides] formosanum Kato 1952a: 40 [Listed]

Localities: 1 Formosa. 2 Japan.

indicans Distant

Hindoloides indicans Distant 1915d: 507 [n. sp., food plants]¹

Hindoloides indicans Gravely 1915a: 515; Pl. XXIII, Fig. 14 [Biology, illustrated]²

Hindoloides indicans Distant 1916a: 197; Fig. 150 [Described, illustrated, food plants, catalogued]¹

H[indoloides] indicans Baker 1927a: 544; Pl. 3, Figs. 36–39 [Notes, illustrated]¹

H[indoloides] indicans Maa 1947a: 4 [Listed] :6 [Comparative note] Localities: 1 Bengal. 2 India.

marginalis Kato (var.). See Hindoloides rubrodorsum var. albifascia Kato. rubridorsum. Typographical error for Hindoloides rubrodorsum Esaki. rubrodorsum. Typographical error for Hindoloides rubrodorsum Esaki.

rubrodorsum Esaki

Hindoloides rubrodorsum Esaki 1931a: 266; Fig. 7 [n. sp., illustrated]¹
 Hindoloiders [sie] ubrodorsum [sic] Esaki 1932b: [1718]; 1 fig. [Described, illustrated]²

Hindoloides rubrodorsum Matsumura 1932e: 196 [Catalogued]

Hindoloides rubrodorsum Kato 1933b: Pl. 46, Fig. 7 [Notes, illustrated]²

Hindoloides rubrodorsum Kato 1933p: 32 [Listed]²

Hindoloides rubrodorsnm [sic] [Nakane] 1937a: [267] [Listed]¹

Hindoloides rubrodorsum Watanabe 1937a: 109, 300 [Economies]²
Hindoloides rubrodorsum Kato 1939i: 650 [Catalogued, food plants]¹
Hindoloides rubridorsum [sie] Matsumura 1940a: 82 [Catalogued]¹
Hindoloides rubrodorsum Maa 1947a: 5, 19 To Hindoloides bipunctata
Haupt (?) [error]

Hindoloides rubrodorsum Esaki 1950a: 271; Fig. 715 [Described, illustrated]²

Hindoloides rubrodorsum Kato 1952a: 39; Figs. 2 (4–5) [Described, illustrated, food plants]²

Hindoloides rubrodorsum Kato 1952b: 16; Pl. VIII, Fig. 9 [Notes, illustrated]²

Localities: 1 Honshu. 2 Japan.

rubrodorsum var. albifascia Kato

[Hindoloides rubrodorsum] albifascia Kato 1933p: 32 [n. var.]¹

Hindoloides rubrodorsum marginale Kato 1933b: Pl. 46, Fig. 8 [n. var., illustrated]¹

Hindoloides rubrodorsum albifascia Kato 1939i: 650 [Catalogued, food plants]² Equals Hindoloides rubrodorsum marginale Kato

 $[Hindoloides\ rubrodorsum]\ marginalis\ Matsumura\ 1940a:$ 82 [Catalogued]²

[Hindoloides bipunctata albifascia] Maa 1947a: 5, 19 Equals [Hindoloides rubrodorsum] albofasciata [sie] (?)

Localities: 1 Japan. 2 Honshu.

 $rubrodorsum \ {\tt var.} \ albofasciata. \ {\tt Typographical} \ {\tt error} \ {\tt for} \ Hindoloides \ rubrodorsum \ {\tt var.} \\ albifascia \ {\tt Kato.}$

rubrodorsum var. marginalis Kato. See Hindoloides rubrodorsum var. albifascia Kato. scutellata Maa (var.). See Weigoldella bipunctata var. scutellata Maa.

sparsuta Jaeobi

Hindoloides sparsuta Jaeobi 1944a: 24 [n. sp.]¹
Hindoloides sparsuta Maa 1949a: 11 [Listed]¹
Localities: ¹ Fukien.

trilineata Maa

Hindoloides trilineata Maa 1947a: 6, 19 [n. sp.]¹:17, 25 [Listed]¹ Localities: ¹ Fukien.

ubrodorsum. Typographical error for Hindoloides rubrodorsum Esaki.

Genus Polychaetophyes Kirkaldy

Logotype Polychaetophyes serpulidia Lallemand 1912a: 9 Type [Polychaetophyes] serpulidia Sehmidt 1912e: 173 Type Polychaetophyes serpulidia Sehmidt 1918e: 366 Type Polychaetophyes serpulida Baker 1927a: 544

Polyehaetophyes Kirkaldy 1906e: 384 [gen. n.] :276 [Life history notes] :277 [Listed] :379, 382, 386 [Comparative notes] :312 [Listed]

Kirkaldy 1907d: 19 [Comparative note] :22 [Key]

Distant 1908e: 98 [Comparative note]

Lallemand 1912a: 7 [Key]: 9 [Described, eatalogued]

Sehmidt 1912e: 173 [Comparative note]

Waterhouse 1912a: 238 [Listed] Kirkaldy 1913a: 10 [Described]

Sehmidt 1918e: 366 [Listed]: 367 [Comparative note]

Baker 1919a: 68 [Zoogeography] Haeker 1922a: 280 [Listed] Tillyard 1926d: 163 [Notes]

Baker 1927a: 533 [Key] :538, 544, 545 [Notes]

Sehulze, Kükenthal and Heider 1935a: 2778 [Catalogued]

Neave 1940a: 850 [Catalogued] Essig 1942a: 318 [Listed]

Me Keown 1944e: 281 [Notes]

Maa 1947a: 4, 18 [Listed] Lallemand 1951a: 84 [Listed]

aequalior Kirkaldy. See Hindola aequalior Kirkaldy.
appendiculata Hacker. See Soamachaerota appendiculata Hacker.
perkinsi Hacker. See Chaetophyes bicolor Schmidt.

serpulidia Kirkaldy

[Polychaetophyes] serpulidia Kirkaldy 1906c: 385; Pl. XXIII, Figs. 12, 13; Pl. XXVII, Fig. 9; Pl. XXX, Fig. 9 [n. sp., illustrated, eomparative note]¹:312 [Listed]²

Polyehaetophyes serpulidia Kirkaldy 1907d: 179; Pl. 1, Fig. 5 [Illustrated]

P[olyehaetophycs] serpulidia Lallemand 1912a: 10 [Catalogued]¹

P[olychaetophyes] serpulidia Schmidt 1918c: 367 [Comparative note] Polychaetophes serpulidia Hacker 1922a: 281; Pl. XVII, Fig. 4; Pl. XVIII, Figs. 5–8 [Eeology, illustrated]¹

Polychaetophyes serpulida Baker 1927a: 544, 545 [Notes]

Polyehaetophyes scrpulida China 1927f: 78; Fig. 4 [Notes, illustrated] Polyehaetophyes scrpulida Evans 1940b: 70 [Life history notes]² Localities: ¹ Queensland. ² Australia.

Genus Aphrosiphon China

Октнотуре Aphrosiphon bauhiniae [n. sp.] Clima 1935e: 82

Aphrosiphon

China 1935e: 82 [gen. n.] Neave 1939a: 250 [Catalogued]

Metcalf 1944b: 137, 151 [Bibliography]

Maa 1947a: 4, 18 [Listed] Lallemand 1951a: 84 [Listed]

bauhiniae China

Aphrosiphon bauhiniae China 1935e: 83; Figs. 1a-e [n. sp., food plants, illustrated]¹

[Aphrosiphon bauhiniae] Carpenter 1935a: 81 [Life history notes]¹ Aphrosiphon bauhiniae Evans 1940b: 74 [Life history notes] Localities: ¹ Nyasaland.

Genus Weigoldella Haupt

Haplotype Weigoldella bipunctata [n. sp.] Haupt 1924a: 299

Weigoldella

Haupt 1924a: 299 [gen. n.]

Baker 1927a: 546 To Hindoloides Dist. [error]

Neave 1940b: 654 [Catalogued]

Lallemand 1951a: 84 [Listed] :89 [Comparative note,

eatalogued]

hipunetata Haupt

Weigoldella bipunctata Haupt 1924a: 300; Fig. 3 [n. sp., illustrated]^{1, 2}

Hindoloides bipunctata Jaeobi 1944a: 24 [Listed]³



Hindoloides bipunctata Maa 1947a: 4, 18 [Described]^{2, 3} Equals Hindoloides rubrodorsum Esaki (?) [error] :17 [Listed] :19 [Comparative note] :25 [Catalogued]^{2, 3} Equals Weigoldella bipunctata Haupt Localities: ¹ China. ² Szechwan. ³ Fukien.

bipunctata var. diluta Maa

 $[Hindoloides\ bipunctata]\ diluta\ Maa\ 1947a\colon 5,\ 19\ [n.\ var.]^1\ :25\ [Listed]^1$ Localities: 1 Fukien.

bipunctata var. scutellata Maa

[Hindoloides bipunctata] scutellata Maa 1947a: 5, 19 [n. var.]¹ :25 [Listed]¹

Localities: 1 Fukien.

diluta Maa (var.). See Weigoldella bipunctata var. diluta Maa. scutellata Maa (var.). See Weigoldella bipunctata var. scutellata Maa.

Genus Parahindoloides Lallemand

Haplotype Parahindoloides lumuana [n. sp.] Lallemand 1951a: 88

Parahindoloides Lallemand 1951a: 88 [gen. n.] :84 [Listed]

lumuana Lallemand

Parahindoloides lumuana Lallemand 1951a: 89 [n. sp.]¹ Localities: ¹ Borneo.

Subfamily MACHAEROTINAE Schmidt

Machaerotini Schmidt 1907b: 167 Tribe [Key] :184 [Key to genera]

Machaerotinae Baker 1927a: 531 Subfamily [Key]
Machaerotini Schmidt 1928b: 111 Tribe [Listed]
Machaerotinae Brues and Melander 1932a: 109 [Key]

Kato 1933p: 31 Subfamily [List of species from Japan]

Metcalf and Horton 1934a: 424 [Kcy]

China 1935c: 82 [Listed]

Machaerotini Wu 1935a: 33 Tribe [Catalogued]

Wu 1935b: 151 Tribe [Catalogued]

Machaerotinae Kato 1939i: 648 Subfamily [List of species from Japan]

Metcalf 1939a: 247 [Listed]

Evans 1940b: 70 Subfamily [Listed] Mctealf 1944b: 151 [Bibliography]

Maa 1947a: 3 [Key] :12, 22 Subfamily [Key to tribes

and genera] :26 [Listed]

Machaerotini Lallemand 1951a: 82 Tribc [Listed]

Machaerotinae Pesson 1951a: 1502 Subfamily [Listed] :1409 [External

morphology] :1504 [Biology, zoogeography]

Kato 1952a: 39 Subfamily [Notes]

Machaerotini Machaerotinae Lallemand and Synave 1953a: 234 Tribe [Listed] Brues, Mclander, and Carpenter 1954a: 144 [Key]

Tribe SIGMASOMINI Schmidt

Sigmasomini

Schmidt 1907b: 167 *Tribe* [Key] :177 [Key to genera] Lallcmand 1912a: 7 *Tribe* [Key] :13 [Described, eatalogued, key to genera]

Sehmidt 1918c: 369 Tribe [Listed]

Baker 1919a: 69 [Key] :73 [Key to genera]

Handlirseh 1925a: 1114 [Listed] Baker 1927a: 531 *Tribe* [Key]

Metcalf and Horton 1934a: 424 [Key]

Maa 1947a: 12, 22 Tribe [Key]

Genus Sigmasoma Schmidt

Orthotype Sigmasoma bifalcata [n. sp.] Schmidt 1907b: 178 Type Sigmasoma bifalcata Lallemand 1912a: 14

Sigmasoma

Schmidt 1907b: 178 [gen. n., key]

Lallemand 1912a: 13 [Key]:14 [Described, catalogued]

Waterhouse 1912a: 275 [Listed] Baker 1919a: 68 [Notes] :73 [Key]

Schulze, Kükenthal and Heider 1936b: 3183 [Cata-

loguedl

Neave 1940b: 192 [Catalogued] Maa 1947a: 13, 22 [Key]

bifalcata Schmidt

 $Sigmasoma\ bifalcata\ Sehmidt\ 1907b\colon 180;\ Fig.\ 5\ [n.\ sp.,\ illustrated]^t$

S[igmasoma] bifalcata Lallemand 1912a: 14 [Catalogued]¹

Sigmasoma bifalcata Schmidt 1918c: 369 [Listed] Sigmasoma bifalcata Baker 1919a: 73 [Catalogued]¹

Sigmasoma bifalcata Pesson 1951a: 1504; Text fig. 1332 [Biology,

illustrated]
Localities: 1 Java.

Genus Grypomachacrota Schmidt

Orthotype Grypomachaerota turbinata [n. sp.] Schmidt 1907b: 181 Type Grypomachaerota turbinata Lallemand 1912a: 14

Grypomaehacrota Schmidt 1907b: 181 [gen. n.] :178 [Key]

Lallemand 1912a: 14 [Described, key, eatalogued]

Waterhouse 1912a: 119 [Listed]

Schmidt 1918c: 369, 370 [Comparative notes]

Baker 1919a: 68 [Notes, zoogeography] :73 [Key, notes, key to species] :76 [Comparative notes]

Schulze, Kükenthal and Heider 1929b: 1420 [Catalogued]

Neave 1939b: 522 [Catalogued]

Matsumura 1940a: 40 [Comparative note]

Maa 1947a: 13, 22 [Key]

Maa 1949a: 12 [Comparative note]

borneensis Baker

Grypomachaerota bornecnsis Baker 1919a: 74; Pl. II, Figs. 8, 9, 11; Pl. III, Figs. 1, 4, 5, 8 [n. sp., illustrated]¹:73 [Key] Localities: ¹ British North Borneo.

breviceps Baker

Grypomachaerota breviceps Baker 1919a: 75; Pl. II, Figs. 12, 15; Pl. III, Figs. 3, 7, 9 [n. sp., illustrated]^{1, 2}:74 [Key] Localities: ¹ Penang. ² Malaya.

tricolor Baker

Grypomachaerota tricolor Baker 1919a: 75; Pl. II, Fig. 14; Pl. III, Figs. 2, 6 [n. sp., illustrated]¹:74 [Key]:75, 76 [Comparative notes] Localities: ¹ British North Borneo.

turbinata Schmidt

Grypomachacrota turbinata Schmidt 1907b: 182; Fig. 6 [n. sp., illustrated]^{1, 2, 3}

G[rypomachaerota] turbinata Lallemand 1912a: 15 [Catalogued]⁴

G[rypomachaerota] turbinata Baker 1919a: 73 [Notes, catalogued]^{1, 2, 3} :74 [Key]

Grypomachaerota turbinata Jacobi 1921a: 4 [Listed]⁵

Localities: ¹ Java. ² Sumatra. ³ Borneo. ⁴ Netherlands East Indies. ⁵ Banguey Island.

Genus Platymachaerota Schmidt

Orthotype Platymachaerota elevata [n. sp.] Schmidt 1918c: 369

Platymachaerota Schmidt 1918c: 369 [gen. n.]

Schulze, Kükenthal and Heider 1934a: 2721 [Catalogued]

Neave 1940a: 795 [Catalogued] Maa 1947a: 13, 22 [Key]

elevata Schmidt

Platymachaerota elevata Schmidt 1918c: 370 [n. sp.]¹ Localities: ¹ Borneo.

Tribe MACHAEROTINI Lallemand

Machaerotini

Lallemand 1912a: 7 Tribe [Key] :15 [Described, eata-

logued, key to general

Schmidt 1918c: 371, 372 *Tribe* [Listed] Baker 1919a: 69 [Key] :67, 69 [Notes] Handlirsch 1925a: 1114 [Listed]

Baker 1927a: 531 Tribe [Key]

Metealf and Horton 1934a: 424 [Key, key to genera

from China]

Maa 1947a: 12, 22 Tribe [Key]: 26 [Listed] Lallemand 1951a: 82 Subtribe [New species]

Maehaerotina

Genus Machaerota Burmeister

Haplotype Machaerota ensifera [n. sp.] Burmeister 1835a: 128

Type M[aehaerota] ensifera Blanchard 1849b: 535 Type [Maehaerota] ensifera Kirkaldy 1901c: 219 Type Maehaerota ensifera Schmidt 1907b: 184 Type M[aehaerota] ensifera Distant 1908g: 80

Type M[aehaerota] ensifera Banks 1910a: 49 Type Maehaerota ensifera Lallemand 1912a: 16

Түре $Maehaerota\ ensifera$ Schmidt 1918e: 371

Type Machaerota ensifera Kato 1931e: 60

Haplotype Machaerota ensifera Metcalf and Horton 1934a: 425

[Narnia Walker]

[Haplotype Narnia rastrata [n. sp.] Walker 1870a: 192] [Type [Narnia] rostrata [sic] Funkhouser 1927f: 448]

Machaerota

Burmeister 1835a: 128 [gen. n.] :127 [Key] Blanchard 1840a: 179 [Listed] :186 [Described] Agassiz, Erichson and Germar 1842a: 12 [Listed]

Agassiz 1848a: 632 [Listed] Blanchard 1849b: 535 [Notes]

Blanchard 1850a: 179 [Listed] :186 [Described]

Walker 1851b: 729 [Catalogued, list of species from

various regions]

Dosmarest 1859a: 199 [Notes] Dohrn 1859a: 69 [List of species]

Stål 1865b: 154 [A new species from Australia]

Dallas 1867a: 567 [Listed] Walker 1870a: 192 [gen. n.]

Narnia Maehacrota

Stål 1870c: 727 [Listed]

cm

Narnia Marsehall 1873a: 373 [Catalogued] Maehaerota Signoret 1879e: xlviii [New species from various regions] Seudder 1882b: 183 [Listed] Narnia Seudder 1882b: 207 [Listed] Machaerota Atkinson 1885a: 22 [Described, eatalogued] Westwood 1886a: 332 [Notes] Atkinson 1889a: 336 [Life history notes, eatalogued] Hansen 1890a: 36 [Morphology of antenna] :43 [Morphology of wings] :48, 53 [Morphology of legs] Kirby 1891a: 164 [Comparative note] Hansen 1900a: 117 [Morphology of antenna] Hansen 1900b: 171, 172 [Morphology of wings] Hansen 1900e: 337 [Morphology of legs] Hansen 1901a: 153 [Morphology of legs] Kirkaldy 1901e: 219 [Listed] Narnia Buekton 1903a: 268 [Catalogue of species] Maehaerota Meliehar 1903b: 124, 138 [Comparative notes] :137 [Described, eatalogued] :226 [Listed] Kirkaldy 1906e: 388 [Catalogued] Macherota [sie] Maehaerota Sehmidt 1907b: 171, 195 [Comparative notes] :184 [Described, key, key to species, catalogued] Kirkaldy 1907d: 19 [Taxonomy] Distant 1908g: 68 [Comparative note] :80 [Described, key, eatalogued] Equals Narnia Walk. Lefroy and Howlett 1909a: 729 [Comparative note] :733 [Food plants] Banks 1910a: 49 [Catalogued] Lallemand 1912a: 15 [Key]: 16 [Described, eatalogued] Equals Narnia Walk. Maki 1914a: 354 [Listed] Distant 1916a: 183 [New species from India] Sehmidt 1918e: 371 [Comparative notes, list of species] Baker 1919a: 67 [Notes] :68 [Zoogeography] :69 [Kev to species] :74 [Comparative notes] Fletcher 1920a: 272 [Listed] Handlirseh 1925a: 1114 [Listed] Imms 1925a: 357 [Notes] Singh-Pruthi 1925b: 201 [Comparative notes]: 202 [Notes] Baker 1927a: 533 [Notes, eatalogued] :540 [Notes on

Funkhouser 1927f: 448 [Catalogued, eatalogue of

nymphal tubes

species]

Jaeobi 1928a: 46 [Zoogeography]

Kato 1928e: 35 [A new species from Formosa]

Sehmidt 1928b: 111 [Comparative note]

Sherborn 1928a: 3754 [Catalogued]

Imms 1930a: 357 [Notes] Kato 1930a: 292 [Listed]

Kato 1931e: 60 [Catalogued, zoogeography] Equals

Narnia Walk.

Sehulze, Kükenthal and Heider 1931a: 1930 [Catalogued]

Brues and Melander 1932a: 109; Figs. 163, 167 [Illustrated]

Narnia

Sehulze, Kükenthal and Heider 1932b: 2194 [Catalogued]

Machaerota

Imms 1934a: 375 [Notes]

Merino 1934a: 72 [Phylogeny]

Metealf and Horton 1934a: 424 [Key, comparative note :425 [Notes, ♂ genitalia described, zoo-geography]

China 1935e: 84 [Comparative note]

Wu 1935a: 33 [Catalogued] Equals Narnia Walk.

Wu 1935b: 151 [Catalogued] Merino 1936a: 314 [Phylogeny] Ayyar 1940a: 321 [Economies]

Kato 1940b: 149 (3) [Comparative note]

Lieftinek 1940a: 8 [Listed] Matsumura 1940a: 39 [Key] Neave 1940a: 4 [Catalogued]

Neave 1940a: 267 [Catalogued]

Jaeobi 1941a: 319 [Zoogeography] Matsumura 1942b: 105 [Kev]

Metealf 1944b: 137, 151 [Bibliography]

Maa 1947a: 13 [Described, key to species] :13, 22 [Key] :23 Equals Asimachaerota Mats. (?) [error]

:26 [Catalogue of species from China]

Imms 1948a: 375 [Notes]

Maa 1949a: 12 [Comparative note] :14 [Notes] Equals Conmachaerota Sehmidt [error]

Kalshoven and van der Veeht 1950a: 263 [Listed]

Lallemand 1951a: 82 [Catalogued]

Kato 1952a: 38 [Notes] Haupt 1953a: 45 [Notes]

Lallemand and Synave 1953a: 234 [Catalogued]

Narnia Machaerota

cm 1 2 3

4 5

6 6

SciELO

10 1

11

12 13

14 1

Mathur 1953a: 146 [Listed] :151 [List of species from India]

Brues, Melander, and Carpenter 1954a: 144; Figs. 200, 204 [Illustrated]

α Maa (var.) [coomani]. See Mochaerota coomani var. α Maa.

andamanensis Distant

Machaerota andamanensis Distant 1908g: 83 [n. sp.]¹

M[achaerota] and amancusis Lallemand 1912a: 16 [Catalogued]¹

M[achaerota] and amanensis Distant 1916a: 183, 184 [Comparative notes]

Machaerota andamanensis Schmidt 1918c: 372 [Listed]

Localities: 1 Andaman Islands.

assamensis Distant

Machaerota assamensis Distant 1916a: 183 [n. sp.]¹ Localities: ¹ Assam.

β Maa (var.) [coomani]. See Machaerota coomani var. β Maa

confirtissima Maa [nom. nud.]

Mach[aerota] confirtissima Maa 1949a: 18 [nom. nud., listed]

coomani Lallemand

. Machaerota coomani Lallemand 1942e: 428 [n. sp.]¹

[Machaerota] coomani Maa 1949a: 14 [Comparative note] :18, Figs. 5a-e [Described, illustrated]¹ Equals Mach[aerota] tonkinensis Liu [nom. nud.]

LOCALITIES: 1 Tonkin.

coomani var. a Maa

[Machaerota coomani] var. α Maa 1949a: 20; Fig. 6a [n. var., illustrated, comparative notes]

coomani var. β Maa

[Machaerota coomani] var. β Maa 1949a: 20; Fig. 6b [n. var., illustrated]

coomani var. 8 Maa

[Machaerota coomani] var. δ Maa 1949a: 20; Fig. 6d [n. var., illustrated]

coomani var. γ Maa

[Machaerota coomani] var. γ Maa 1949a: 20; Fig. 6c [n. var., illustrated, comparative note]

 δ Maa (var.) [coomani]. See Machaerota coomani var. δ Maa.

encifera. Typographical error for Machaerota ensifera Burmeister.

encifera. Typographical error for Machaerota ensifera Esaki [nec Burmeister]. See Machaerota esakii Kato.

ensifera Burmeister

M[achaerota] cnsifcra Burmeister 1835a: 128 [n. sp.]¹

Machaerota ensifera Westwood 1837e: 130 [Catalogued]¹

Machacrota ensifera Blanehard 1840a: 186 [Described, catalogued]¹

M[achaerota] cnsifcra Blanehard 1849b: 535 [Listed]¹

Machaerota ensifera Blanehard 1850a: 186 [Described, catalogued]¹

Machaerota ensifera Walker 1851b: 729 [Catalogued]2. 3, 4

[Machaerota] cnsifera Dohrn 1859a: 69 [Listed]²

M[achaerota] ensifera Stål 1865b: 154 [Comparative note]

M[achaerota] cnsifera Stål 1870e: 727 [Catalogued]²

M[achaerota] ensifera Signoret 1879e: xlviii [Deseribed, eatalogued]⁵ :xlix [Comparative note]

Machaerota ensifera Atkinson 1885a: 22 [Deseribed, eatalogued, eomparative notes]^{2, 5}

M[achacrota] cnsifera Westwood 1886a: 332 [Notes]

Machaerota ensifera Schmidt 1907b: 187; Fig. 7 [Described, eatalogued, illustrated]¹:186 [Key]²:189 [Comparative note]

Machaerota luzonensis Sehmidt 1907b: 189 [n. sp.]¹:186 [Key]

Machacrota ensifera Distant 1908g: 80; Fig. 65 [Described, eatalogued, illustrated]^{2, 5}:81, 82 [Comparative notes]

Machaerota ensifera Banks 1910a: 49 [Notes, food plants, eatalogued]⁶ M[achaerota] ensifera Lallemand 1912a: 16; Pl. 8, Fig. 17 [Catalogued, illustrated]²

M[achaerota] luzoncnsis Lallemand 1912a: 17 [Catalogued]²

M[achaerota] ensifera Kirkaldy 1913a: 10, 11 [Comparative notes]

Machacrota ensifera Sehmidt 1918e: 371 [Listed] [Machacrota] luzonensis Sehmidt 1918e: 371 [Listed]

Machaerota consifera Baker 1919a: 68 [Listed]¹:69 [Notes, key]:71; Pl. I, Figs. 4, 5, 11, 14; Pl. II, Figs. 3, 4 [Described, illustrated, eatalogued]^{1, 2, 6}

M[achaerota] luzonensis Baker 1919a: 69 [Key, notes] :71; Pl. I, Figs. 6, 12; Pl. II, Figs. 5, 6, 13 [Described, illustrated, eatalogued]^{2, 7}

Machaerota ensifera Jaeobi 1921a: 4 [Notes, eatalogued]¹ Equals M[achaerota] luzonensis Sehmidt

Machaerota ensifera Singh-Pruthi 1925b: 201; Pl. XXII, Fig. 176 [♂ genitalia deseribed, illustrated]

Machaerota ensifera Sherborn 1926a: 2158 [Catalogued]

Machaerota ensifera Muir 1930e: 549 [Morphology of genitalia]

Machaerota ensifera Kato 1931e: 60 [Listed]^{2, 11}

Machaerota encifera [sie] Kato 1933b: Pl. 47; Figs. 1, 2 [Notes, illustrated]⁸

Machaerota eneifera [sic] Kato 1933p: 31 [Listed]⁸

Machaerota ensifera Metcalf and Horton 1934a: 425 [Catalogued] Machaerota ensifera Otanes and Butac 1935a: 165, 169 [Notes, economics]²

Machaerota ensifera Otanes and Butac 1939a: 363 [Notes, economics]² Machaerota encifera [sic] Matsumura 1940a: 82 [Catalogued]^{2, 9, 10} [Machaerota] ensifera Maa 1947a: 14 [Key, comparative note]^{1, 7}:23 [Listed]

[Machaerota] ensifera Maa 1949a: 14 [Notes]

Machaerota consifera Lallemand 1951a: 82, 83 [Comparative notes, catalogued]

Localities: ¹ Luzon. ² Philippine Islands. ³ Java. ⁴ Northern India. ⁵ Assam. ⁶ Palawan. ⁷ Mindanao. ⁸ Japan. ⁹ Formosa. ¹⁰ Burma. ¹¹ India.

ensifera Esaki [nee Burmeister]. See Machaerota esakii Kato.

ensifera Signoret [nec Burmeister]. See Machaerota ensiferina Schmidt.

ensiferina Schmidt

M[achaerota] ensifera [nee Burmeister] Signoret 1879e: xlviii [Described]¹ :xlix [Comparative note]

Maeh[aerota] ensiferina Schmidt 1907b: 186 [Key]¹:190 Nom. nov. pro Maehaerota ensifera Signoret [1879] [nec Maehaerota ensifera Burmeister 1835] [Described, catalogoued]

M[achaerota] ensiferina Lallemand 1912a: 17 [Catalogued]¹ Equals Machaerota ensifera Sign. [ncc Burmeister]

[Machacrota] ensiferina Schmidt 1918c: 371 [Listed] Localities: ¹ Assam.

esakii Kato

Machaerota eneifera [sic] [ncc Burmeister] Esaki 1932b; [1716]; 1 fig. [Described, illustrated]¹

Maehaerota esakii Kato 1939i: 648 Nom. nov. pro Maehaerota encifera [sic] Esaki [1932] [nec Machaerota ensifera Burmeister 1835] [Notes, catalogued]²

Maehacrota esakii Maa 1947a: 14 [Described, key]: 17, 23 [Listed]² :26 [Catalogued]² Equals Maehaerota encifera (sie) Esaki (nee Burm.)

[Machaerota] esakii Maa 1949a: 14 [Comparative note] :21; Figs. 7a-d [Described, illustrated] Equals Mach[aerota] ensifera Esaki (nee Burm.)

Localities: 1 Japan. 2 Formosa.

exaggerata Maa

Machaerota exaggerata Maa 1949a: 22; Figs. 8a-e [n. sp., illustrated]¹:14 [Comparative note]

LOCALITIES: 1 Tonkin.

finitima Jacobi

Machaerota finitima Jacobi 1928a: 45; Fig. 30 [n. sp., illustrated]^{1, 2} Localities: ¹ Queensland. ² Dutch New Guinea.

flavolineata Distant

Machaerota flavolineata Distant 1908g: 83 [n. sp.]^{1, 2}

M[achaerota] flavolineata Lallemand 1912a: 17 [Catalogued]1. 2

Machaerota flavolincata Schmidt 1918c: 372 [Listed]

Localities: 1 Burma. 2 Tenasserim.

formosana Kato

Machaerota formosana Kato 1928c: 35; Pl. II, Fig. 6 [n. sp., illustrated, food plants]¹

M[achaerota] formosana Kato 1931c: 62 [Comparative note]

Machaerota formosana Kato 1933b: Pl. 47, Fig. 5 [Notes, illustrated]²

Machaerota formosana Kato 1933p: 31 [Listed]²

Machaerota formosana Kato 1939i: 648 [Catalogued]¹

Machaerota formosana Matsumura 1940a: 82 [Catalogued]¹

Machacrota formosana Maa 1947a: 14 [Key] :15, 23 [Food plants]¹ :17 [Listed] :26 [Catalogued]¹

Localities: 1 Formosa. 2 Japan.

fukienieola Maa

Machaerota fukienicola Maa 1947a: 14 [Key] :14, 23; Pl. I, Figs. 4-6; Pl. II, Figs. 7, 9 [n. sp., illustrated] :17 [Listed] :24 [Comparative note] :26 [Catalogued]¹

Localities: 1 Fukien.

fusea Baker

M[achaerota] fusca Baker 1919a: 69 [n. sp., key] :72; Pl. I, Figs. 7, 8, 13; Pl. II, Figs. 2, 7, 10 [n. sp., illustrated] :69 [Notes]

M[achaerota] fusca Lallemand 1942e: 428 [Comparative note, catalogued]

Localities: 1 Luzon.

 γ Maa (var.) [coomani]. See Machaerota coomani var. γ Maa.

gupionata. Typographical error for Machaerota pugionata Signoret [nec Stål]. See Pachymachaerota signoreti Schmidt.

guttigera Westwood

Machaerota guttigera Westwood 1886a: 332; Pl. VIII, Figs. 1–15 [n. sp., life history, illustrated]¹

 $M[achaerota]\ guttigera\ Atkinson\ 1889a\,;\,336\ [Catalogued]^{\text{!`}}$

Machaerota guttigera Kirby 1891a: 163 [Catalogued]¹

Machaerota guttigera Sharp 1899a: 578 [Notes]¹

Machaerota guttigera Melichar 1903b: 137 [Described, catalogued]¹ :226 [Listed]¹

Machaerota guttigera Kirkaldy 1906c: 277 [Life history notes]¹

Mach[aerota] guttigera Schmidt 1907b: 187 [Key]¹ :192 [Described, catalogued]¹

Machaerota guttigera Distant 1908g: 81; Fig. 66 [Described, food plants, catalogued, illustrated]^{1, 4}:80 [Listed]

Machaerota guttigera Lefroy and Howlett 1909a: 733 [Ecology, catalogued]¹

M[achaerota] guttigera Lallemand 1912a: 17 [Catalogued]¹

Machaerota guttigera Maki 1914a: 355 [Catalogued, food plants]

Machaerota guttigera Melichar 1914b: 116 [Catalogued]²

Machaerota guttigera Gravely 1915a: 515 [Life history notes]³

Conmachaerota guttigera Schmidt 1918c: 371 [Listed]

Machaerota guttigera Misra 1920c: 556 [Notes]¹

Machaerota guttigera Ealand 1921a: 122 [Notes]¹

Machaerota guttigera China 1927f: 79; Fig. 3e [Notes, illustrated]¹

Machaerota guttigera Evans 1940b: 70, 74 [Life history notes]¹

M[achaerota] guttigera Lieftinck 1940a: 8-9; Pl. 1, Figs. 1-4 [Life history notes, illustrated]^{1, 2}

Machaerota guttigera Essig 1942a: 318 [Listed]¹ Localities: ¹ Ceylon. ² Java. ³ India. ⁴ West Bengal.

incerta Lallemand

Machaerota incerta Lallemand 1927b: 100 [n. sp.]¹ Localities: ¹ Thailand.

insignis Lallemand

Machaerota insignis Lallemand 1927b: 99 [n. sp.]¹ Localities: ¹ Ceram.

lieftincki Maa

Machaerota lieftincki Maa 1949a: 15; Figs. 3a-d [n. sp., illustrated, food plants]¹:14 [Listed]
LOCALITIES: ¹ Java.

 $luzonensis \; {\bf Schmidt}. \; {\bf See} \; {\it Machaerota} \; ensifera \; {\bf Burmeister}.$

mindanacnsis Baker

Conmachaerota mindanaensis Baker 1927a: 534; Pl. 1, Figs. 4–6 [n. sp., key, illustrated]¹:535 [Comparative notes]

[Machaerota mindanaensis] Maa 1949a: 16 [Notes] Equals Conm[achaerota] mindanaensis Bak.

Localities: 1 Mindanao.

moluccana Kirkaldy

Machaerota moluccana Kirkaldy 1913a: 10 [n. sp.]¹ [Machaerota] moluccana Jacobi 1928a: 46 [Listed]² Localities: ¹ Amboina. ² Moluccas.

noctua Distant

Machaerota noctua Distant 1916a: 183; Fig. 140 [n. sp., illustrated]^{1, 2}:184 [Comparative note]

Localities: 1 Bihar. 2 Madras.

notoceras Schmidt. See Conmachaerota notoceras Schmidt.

pandata Distant

Machaerota pandata Distant 1916a: 184 [n. sp.]1

Localities: 1 Madras.

philippensis. Typographical error for Machaerota philippinensis Baker.

philippinensis Baker

M[achaerota] philippinensis Baker 1919a: 69 [n. sp., key, comparative note]: 70; Pl. I, Figs. 2, 3, 10; Pl. II, Fig. 1 [n. sp., illustrated]¹ C[onmachaerota] philippinensis Baker 1927a: 534 [Key]: 534, 535 [Comparative notes]

M[achaerota] philippensis [sic] Lallemand 1942e: 428 [Comparative note, catalogued]

Mach[aerota] philippinensis Maa 1949a: 18 [Comparative note]¹ Machaerota philippinensis Haupt 1953a: 45; Fig. 38 [Described, food plants, illustrated]²

Localities: 1 Luzon. 2 Australian Region.

planitae. Typographical error for Machaerota planitiae Distant.

planitiac Distant

Machaerota planitiae Distant 1908g: 84 [n. sp.]^{1, 2}

M[achaerota] planitiae Lefroy and Howlett 1909a: 733; Pl. LXXIX, Figs. 1–9 [Life history notes, illustrated, food plants]³

M[achaerota] planitiae Lallemand 1912a: 17 [Catalogued]³

Machoerata [sie] planitiae Shiraki 1912a: [102] [Economics]⁴

Machaerota planitiae Maki 1914a: 355 [Catalogued, food plants] M[achaerota] planitiae Gravely 1915a: 515; Pl. XXIII, Figs. 9–13 [Biology, illustrated]¹

Machaerota planitiae Distant 1916a: 184 [Notes, food plants, catalogued]^{5, 6}

Machaerota planitiae Fletcher 1916c: 61 [Economies]³

Machaerota planitiae Fletcher 1917d: 116, 118 [Economics, catalogued]⁷
Machaerota planitiae Pierce 1917b: 90; Pl. XVII, Figs. a-i [Economics, life history, illustrated]³

[Machaerota] planitiae Schmidt 1918c: 372 [Listed]

Machaerota planitiae Fletcher 1920a: 272 [Economics, catalogued] Machaerota planitiae Misra 1920c: 549 [Listed] :556; Pl. 96, Fig. 2;

Pl. 97, Figs. 1, 2 [Economics, life history, illustrated, catalogued]^{7, 8}

Machaerota planitae [sic] Williams 1921a: 50 [Food plants]³
Machaerota planitiae Yakhontov 1931a: 32 [Economics]

Maehaerota planitiae Norris, Glover, and Aldis 1935a: 41 [Food plants]³

Maehaerota planitae [sic] Ayyar 1940a: 476 [Food plants]³

M[achaerota] planitiae Lieftinck 1940a: 9 [Food plants]³

Machaerota planitiae Thompson 1944a: 69 [Parasites]³

Maehaerota planitiae Maa 1947a: 1 [Listed]

Machaerota planitiae Mathur 1953a: 151 [Listed]3.7.9

Localities: ¹ Bengal. ² Bombay. ³ India. ⁴ Formosa. ⁵ Madras. ⁶ Northern Bengal. ⁷ Bihar. ⁸ Burma. ⁹ Uttar Pradesh.

pugionata Signoret [nec Stål]. See Pachymachaerota signoreti Schmidt. pugionata Stål. See Pachymachaerota pugionata Stål.

punctatonervosa Signoret

M[achaerota] punetatonervosa Signoret 1879c: xlix [n. sp.]¹

M[aehaerota] punctatonervosa Atkinson 1886b: 196 [Catalogued]¹

Mach[acrota] punetatonervosa Schmidt 1907b: 187 [Key]¹ :191 [Described, catalogued]¹

Maehaerota punctatonervosa Kirkaldy 1910a: 103 (1) [Listed]¹

M[achaerota] punctatoncrvosa Lallemand 1912a: 17 [Catalogued]¹

Machaerota punctatonervosa Melichar 1914b: 116 [Catalogued]²

[Machaerota] punctatoncrvosa Schmidt 1918c: 371 [Listed]

Machaerota punetatonervosa Metcalf and Horton 1934a: 425 [Notes, catalogued]

M[aehaerota] punctatonervosa Wu 1935a: 34 [Catalogued]¹

M[achaerota] punctatoncrvosa Wu 1935b: 151 [Catalogued]

Machaerota punctatonervosa Maa 1947a: 14 [Described, key] :17, 23 [Listed]¹ :26 [Catalogued]¹

Localities: 1 China. 2 Java.

punctulata Signoret

M[achaerota] punctulata Signoret 1879c: xlix [n. sp.]¹

Machaerota punetulata Atkinson 1885a: 23 [Described, catalogued]¹

Mach[aerota] punetulata Schmidt 1907b: 187 [Key]¹ :191 [Described, catalogued]¹

Maehaerota punetulata Distant 1908g: 83 [Described, catalogued]¹

M[aehaerota] punetulata Lallemand 1912a: 17 [Catalogued]¹

[Machaerota] punetulata Schmidt 1918c: 371 [Listed] Localities: ¹ Assam.

rastrata Walker

cm

Narnia rastrata Walker 1870a: 193 [n. sp.]¹

 $N[arnia]\ rostrata\ [sic]$ Buckton 1903a: 268 [Catalogued]

Narnia rastrata Distant 1908g: 81 [Comparative note, catalogued]¹

M[aehacrota] rastrata Lallemand 1912a: 17 [Catalogued]¹ Equals Narnia [rastrata] Walk.

15

14

[Narnia] rostrata [sic] Funkhouser 1927f: 448 [Catalogued]²

[Machacrota] rostrata [sic] Jacobi 1928a: 46 [Listed]¹

[Narnia] rostrata [sic] Goding 1935a: 335 [Key, catalogued]^{1, 3}

Machaerota rastrata Jacobi 1941a: 282 [Notes]1

Machaerota rostrata [sic] Lallemand and Synave 1953a: 234 [Catalogued]^{1, 4} Equals Narnia rostrata [sic] Walk.

Localities: ¹ Flores. ² Brazil. ³ Celebes Islands. ⁴ Sumba.

rostrata. Typographical error for Machaerota rastrata Walker. spångbergi Signoret. See Conmachaerota spångbergi Signoret.

subnasuta Maa

Machaerota subnasuta Maa 1949a: 17; Figs. 4a-d [n. sp., illustrated]¹:14 [Listed]

Localities: 1 Java.

takeuchii Kato

Machaerota takcuchii Kato 1931c: 60; Figs. A, B [n. sp., illustrated]¹

Machaerota takeuchii Esaki 1932b: 1717; 1 fig. [Described, illustrated]²

Machaerota takcuchii Matsumura 1932e: 197 [Catalogued]

Machaerota takeuchii Kato 1933b: Pl. 47, Fig. 6 [Notes, illustrated]²

Machaerota takcuchii Kato 1933p: 31 [Listed]²

Machaerota takeuchii [Kato] 1935f: 67 [Distribution]²

Machaerota takeuchii Kato 1939i: 643; Figs. 1, 2 [Life history notes, illustrated] :648 [Catalogued, food plants]¹

Machaerota takcuchii Matsumura 1940a: 40 [Comparative note]

Asichaerota [sic] takeuchii Matsumura 1940a: 81 [Catalogued]³ Equals Machaerota [takeuchii Kato]

[Asimaehaerota takcuchii] Maa 1947a: 13, 23 Equals Machaerota takeuchii Kato

[Eumachaerota takeuchii] Maa 1949a: 12 [Notes] Equals Mach[aerota] takeuchii Kato Equals [Asimachaerota takeuchii Kato]

Eum[achaerota] takeuchii Maa 1949a: 14 [Comparative note]²

Machaerota takeushii [sie] Esaki 1950a: 271; Fig. 714 [Described, illustrated]²

Machaerota takeunsphci [sic] Kato 1952a: 38; Figs. 1 (1–3) [Notes, food plants, illustrated]²

Machaerota takeuchii Kato 1952b: 15; Pl. VIII, Fig. 8 [Notes, illustrated]²

Localities: 1 Houshu. 2 Japan. 3 Formosa.

takeunsphei. Typographical error for Machaerota takeuchii Kato.

takeushii. Typographical error for Machacrota takeuchii Kato.

tonkinensis Liu [nom. nud.]. See Machaerota coomani Lallemand.

Genus Conditor Distant

ORTHOTYPE C[onditor] collatatus [n. sp.] Distant 1916a: 184

Conditor

Distant 1916a: 184 [gen. n.]

Baker 1919a: 67 [Notes, eatalogued]

Sehulze, Kükenthal and Heider 1927b: 773 [Catalogued]

Neave 1939a: 815 [Catalogued]

Maa 1947a: 12, 22 [Key]

collatatus Distant

Conditor collatatus Distant 1916a: 185; Fig. 141 [n. sp., illustrated]¹ Localities: ¹ Cochin.

Genus Eumachaerota Schmidt

Orthotype Eumachaerota siebersi [n. sp.] Sehmidt 1928b: 111 Type [Eumachaerota] siebersi Maa 1949a: 12

[Asimachaerota Matsumura]

[Orthotype Asichaerota [sie] taiheisana [n. sp.] Matsumura 1940a: 40] [Type Asimach[aerota] taiheisana Maa 1949a: 12]

Eumaehaerota

Sehmidt 1928b: 111 [gen. n.]

Neave 1939b: 332 [Catalogued]

Asimachaerota

Matsumura 1940a: 39 [gen. n., key]

Asichaerota [sie]

Matsumura 1940a: 40 [gen. n.]

Eumaehaerota

Maa 1947a: 12, 22 [Key]

A simachaerota

Maa 1947a: 12, 22 [Key] :13 [Described] Equals

Asichaerota [sie] :23 [Taxonomy] To Machaerota

(?) [error] :26 [Catalogue of species from China]

Eumaehaerota

Maa 1949a: 12 [Notes, eatalogued] Equals Asimach-

aerota Mats. Equals Asichaerota [sie] Mats.

Asichaerota [sie]

Neave 1950a: 24 [Catalogued]

foveata Maa

Eumachaerota foveata Maa 1949a: 12; Figs. 1a-e [n. sp., illustrated, notes]¹

Localities: 1 Celebes.

siebersi Sehmidt

Eumachaerota siebersi Schmidt 1928b: 111 [n. sp.]¹

[Eumachaerota] siebersi Maa 1949a: 12 [Notes] :14 [Comparative notel¹

LOCALITIES: 1 Kai Islands.

takeuchii Kato. See Machaerota takeuchii Kato.

taiheisana Matsumura

Asichaerota [sic] taihcisana Matsumura 1940a: 40 [n. sp.]¹ :81 [Listed]¹ Asimachaerota taiheisana Maa 1947a: 13 [Described] :17, 23 [Listed]¹ :26 [Catalogued]¹ Equals Asichaerota [sic] taihcisana Mats.

[Eumachaerota taiheisana] Maa 1949a: 12 [Notes] Equals Asimach-[aerota] taiheisana Mats.

Eumach[aerota] taiheisana Maa 1949a: 14 [Comparative note]¹ Localities: ¹ Formosa.

Genus Conmachaerota Schmidt

ORTHOTYPE Conmachacrota notoceras Schmidt 1918c: 371

Type [Conmachaerota] notoceras Baker 1927a: 533

ORTHOTYPE Machaerota notoceras Metcalf and Horton 1934a: 424

Conmachaerota

Schmidt 1918c: 371 [gen. n.]
Baker 1927a: 533 [Notes, key to species]

Lallcmand 1927b: 100 [Comparative note] Schulze, Kükenthal and Heider 1927b: 776 [Catalogued]

Schmidt 1928b: 111 [Comparative note]

Brues and Melander 1932a: 109 [Zoogeography]

Metcalf and Horton 1934a: 424 [Key, notes, catalogued]

Wu 1935b: 151 [Catalogued] Neave 1939a: 818 [Catalogued]

Matsumura 1942b: 105 [Key]

Maa 1947a: 1, 24 [Listed] :12, 22 [Key] :15 [Notes] :26 [Catalogue of species from China]

Maa 1949a: 12 [Listed] :14 To Machaerota Burm.

[error]: 20 [Comparative note]

Lallemand 1951a: 82 [Catalogued]

Mathur 1953a: 146 [Listed]: 151 [List of species from India]

Brues, Melander, and Carpenter 1954a: 144 [Zoo-geography]

attenuata Baker

Conmachaerota attenuata Baker 1927a: 534; Pl. 1, Figs. 1–3 [n. sp., key, illustrated]¹

Localities: 1 Mindanao.

bakeri Lallemand

Conmachaerota bakeri Lallemand 1951a: 82 [n. sp. (?)]¹ Localities: ¹ Luzon.

brunnipes Schmidt

Conmachaerota brunnipes Schmidt 1918e: 373 [n. sp.]¹ :372 [Listed] Localities: ¹ Lower Burma.

carinata Lallemand

Conmachaerota carinata Lallemand 1951a: 83 [n. sp.]¹ Localities: ¹ Sumatra.

coronata Maa

Conmachaerota eoronata Maa 1947a: 16, 24; Pl. II, Figs. 8, 10–12 [n. sp., illustrated]¹:17 [Listed]:26 [Catalogued]¹ Localities: ¹ Firkien.

discreta Schmidt

Conmachaerota discreta Schmidt 1918e: 372 [n. sp.]¹ Localities: ¹ Tenasserim.

guttigera Westwood. See Machaerota guttigera Westwood.
mindanaensis Baker. See Machaerota mindanaensis Baker.

notoceras Schmidt

Mach[aerota] notoceras Schmidt 1907b: 187 [n. sp., key]^{1, 2} :192 [n. sp.]^{1, 2}

M[achaerota] notoceras Lallemand 1912a: 17 [Catalogued]^{1, 2}

Machaerota notoccras Melichar 1914b: 115 [Catalogued]²

Conmachaerota notoceras Sehmidt 1918e: 371 [Listed]

M[achacrota] notoceras Baker 1919a: 69 [Notes, key] :70; Pl. I, Figs. 1, 9 [Catalogued, illustrated]^{3, 4}

C[onmachacrota] notoeeras Baker 1927a: 533 [Key] :534, 535 [Comparative notes]

M[achaerota] notoceras Jacobi 1928a: 45 [Comparative note, catalogued]

Conmachaerota notoceras Metealf and Horton 1934a: 425; Pl. 42. Figs. 119, 124 [Notes, illustrated, eatalogued]^{1, 2, 5} Equals Machaerota notoceras Schmidt

C[onmachaerota] notoceras Wu 1935b: 151 [Catalogued]^{1, 2, 5} Equals Machaerota [notoceras] Schmidt

Conmachaerota notoceras Maa 1947a: 16 [Described]:17, 24 [Listed]^{1, 2, 5}:27 [Catalogued]^{1, 2, 3, 5} Equals Machaerota notoceras Sehmidt

Machaerota notoccras Maa 1949a: 14; Fig. 2 [Described, illustrated, notes]²:16 [Comparative note]

Localities: ¹ Sumatra, ² Java, ³ Penang, ⁴ Malaya, ⁵ Hainan, philippinensis Baker, See Machaerota philippinensis Baker,

spångbergi Signoret

M[achacrota] spångbergi Signoret 1879c: xlviii [n. sp.]¹

 $Machaerota\ spångbergi\ Atkinson\ 1885a\colon 22\ [Described, eatalogued]^{\scriptscriptstyle 1}$

Mach[aerota] spångbergi Sehmidt 1907b: 187 [Key]¹ :194 [Described, eatalogued]¹

Machaerota spångbergi Distant 1908g: 82 [Described, catalogued]¹

M[achaerota] spångbergi Lallemand 1912a: 17 [Catalogued]¹

Conmachaerota spångbergi Schmidt 1918e: 372 [Listed]

Machaerota spångbergi Handlirsch 1925a: 1114; Fig. 1017 [Venation illustrated]

Conmachaerota spångbergi Mathur 1953a: 151 [Listed]^{2, 3}

Localities: 1 Assam. 2 India. 3 Uttar Pradesh.

Genus Pachymachaerota Schmidt

ORTHOTYPE Pachymachaerota nigrifrons [n. sp.] Schmidt 1907b: 194 Type Pachymachaerota nigrifrons Lallemand 1912a: 17

Pachymachaerota Sehmidt 1907b: 184 [gen. n., key] :194 [gen. n., key to species]

Kirkaldy 1907d: 22 [Key]

Lallemand 1912a: 16 [Key]:17 [Described, catalogued]

Waterhouse 1912a: 207 [Catalogued]

Baker 1919a: 67 [Comparative notes] :68 [Zoogeography]

Sehulze, Kükenthal and Heider 1933b: 2437 [Catalogued]

Metealf and Horton 1934a: 424 [Key, catalogued]

Neave 1940a: 511 [Catalogued] Maa 1947a: 12, 22 [Key]

nigrifrons Sehmidt

Pachym[achaerota] nigrifrons Sehmidt 1907b: 196 [n. sp., key]¹:197; Fig. 8 [n. sp., illustrated]¹

P[achymachaerota] nigrifrons Lallemand 1912a: 18 [Catalogued]¹ Localities: ¹ Sumba.

pugionata Signoret [nec Stål]. See Pachymachaerota signoreti Schmidt.

pugionata Stål

M[achaerota] pugionata Stål 1865b: 154 [n. sp.]¹

 $M[achaerota]\ pugionata$ Atkinson 1889a: 336 [Listed]

M[achaerota] pugionata Kirkaldy 1906c: 388 [Catalogued]²

Pachymachaerota [pugionata] Kirkaldy 1907d: 22 Equals Machaerota pugionata

Pachym[achaerota] pugionata Schmidt 1907b: 196 [Kcy]¹:198 [Described, eatalogued] Equals Machaerota pugionata Stål

Maeh[aerota] pugionata Schmidt 1907b: 199 [Comparative note]

P[achymachaerota] pugionata Lallemand 1912a: 18 [Catalogued]¹

Pachymachaerota pugionata Jaeobi 1928a: 46 [Notes]³

Localities: $^{\scriptscriptstyle 1}$ Northern Australia. $^{\scriptscriptstyle 2}$ Australia. $^{\scriptscriptstyle 3}$ Western Australia.

signoreti Schmidt

M[achaerota] gupionata [sie] [nee Stål] Signoret 1879e: xlix [Described]¹[Pachymachaerota signoreti] Kirkaldy 1907d: 22 Equals [Machaerota] pugionata Sign. [nee Stål]

Pachymachaerota signoreti Schmidt 1907b: 197 [Key]¹:199 Nom. nov. pro Machaerota pugionata Signoret [1879] [nec Machaerota pugionata Stål 1865] [Described, catalogued]¹

P[achymachaerota] signoreti Lallemand 1912a: 18 [Catalogued]¹ Equals Machaerota pugionata Sign. [nec Stål]

Localities: 1 Australia.

Subfamily MAXUDEINAE Schmidt

Maxudeini Schmidt 1907b: 167 Tribe [Key] :175 [Listed]

Lallemand 1912a: 7 Tribe [Key] :12 [Described, cata-

logued]

Baker 1919a: 69 [Key] :76 [Listed] Handlirsch 1925a: 1114 [Listed] Baker 1927a: 531 Subfamily [Key]

Maxudeinae Baker 1927a: 531 Subfamily [Key]
Brues and Melander 1932a: 109 [Key]

Metcalf and Horton 1934a: 424 [Key]

China 1935c: 82 [Listed]
Metcalf 1939a: 247 [Listed]
Metcalf 1944b: 151 [Bibliography]
Mag. 1947a: 3 [Kay]

Maa 1947a: 3 [Key]

Brues, Melander, and Carpenter 1954a: 144 [Key]

Genus Maxudea Schmidt

ORTHOTYPE Maxudea crassiventris [n. sp.] Schmidt 1907b: 175 Type Maxudea crassiventris Lallemand 1912a: 13

Maxudea Schmidt 1907b: 175 [gen. n.]

Lallemand 1912a: 13 [Described, catalogued]

Waterhouse 1912a: 167 [Listed]

Baker 1919a: 68 [Notes, zoogeography] :76 [Key to

species, notes]

Schulze, Kükenthal and Heider 1931b: 1986 [Cata-

logued]

Neave 1940a: 58 [Catalogued]

erassiventris Schmidt

Maxudea crassiventris Schmidt 1907b: 176; Fig. 4 [n. sp., illustrated]¹ M[axudea] crassiventris Lallemand 1912a: 13 [Catalogued]¹ Maxudea crassiventris Baker 1919a: 77 [Key, notes]

Localities: 1 Sumatra

sehmidtii Baker

 $Maxudea\ schmidtii\ Baker\ 1919a\colon 77;$ Text figs. 1a–d [n. sp., key, illustrated]^{1, 2}

Localities: 1 Penang. 2 Malaya.

Genus Promaxudea Lallemand

Orthotype Promaxudea humboldti [n. sp.] Lallemand 1927b: 100

Promaxudea

Lallemand 1927b: 100 [gen. n.] Neave 1940a: 915 [Catalogued]

humboldti Lallemand

Promaxudea humboldti Lallemand 1927b: 100 [n. sp.]¹ Localities: ¹ Dutch New Guinea.

GENERIC AND SPECIFIC SYNONYMY

Genus Asichaerota

Asichaerota. Typographical error for Asimachaerota Matsumura. See Eumachaerota Sehmidt.

Genus Asimaehaerota Matsumura

Asimachaerota Matsumura. See Eumachaerota Sehmidt.

taiheisana Matsumura. See Eumachaerota taiheisana Matsumura. takeuchii Kato. See Machaerota takeuchii Kato.

Genus Carystus Stål

Carystus Stål. See Hindola Kirkaldy.

_Spångberg (var.) [mutabilis]. See Hindola mutabilis var._Spångberg.

australiae Walker. See Hindola australiae Walker.

compactus Walker. See Chaetophyes compacta Walker.

hyalinipennis Stål. See Hindola hyalinipennis Stål.

hyalinopterus Stål. See Hindola hyalinipennis Stål.

hyalipennis. Typographical error for Carystus hyalinipennis Stål. See Hindola hyalinipennis Stål.

mutabilis Spångberg. See Hindola mutabilis Spångberg.

mutabilis var. Spångberg. See Hindola mutabilis var. Spångberg.

reticulatus Spångberg. See Neurohindola reticulata Spångberg.

semiflavus Walker. See Chaetophyes compacta Walker.

sorurculus Spångberg. See Hindola sorurcula Spångberg.

stålii Spångberg. See Hindola stålii Spångberg.

viridicans Stål. See Hindola viridicans Stål.

Genus Hindoloiders

Hindoloiders. Typographical error for Hindoloides Distant.

Genus Macharopsis

Macharopsis. Typographical error for Machaeropsis Melichar.

Genus Macherota

Macherota. Typographical error for Machaerota Burmeister.

Genus Machoerata

Machoerata. Typographical error for Machaerota Burmeister.

Genus Makiptyelus Maki

Makiptyelus Maki. See Hindola Kirkaldy. dimorphus Maki. See Hindola dimorpha Maki. fasciatus Kato. See Hindola geisha Schumacher.

Genus Metaenderleinia Lallemand

 ${\it Metaenderleinia} \ {\it Lallemand}. \ {\it See} \ {\it Machacropsis} \ {\it Melichar}.$ ${\it nervosa} \ {\it Lallemand}. \ {\it See} \ {\it Machacropsis} \ {\it nervosa} \ {\it Lallemand}.$

Genus Modiglianella

Modiglianella. Typographical error for Modiglianiella Schmidt. See Hindola Kirkaldy.

Genus Modiglianiella Schmidt

Modiglianiella Schmidt. See Hindola Kirkaldy. sumatrensis Schmidt. See Hindola sumatrensis Schmidt.

Genus Narnia Walker

Narnia Walker. See Machaerota Burmeister.
rastrata Walker. See Machaerota rastrata Walker.
rostrata. Typographical error for Narnia rastrata Walker. See Machaerota rastrata Walker.

Genus Peetinariophyes Kirkaldy

Pectinariophycs Kirkaldy. See Hindola Kirkaldy. antica Jacobi. See Hindola antica Jacobi. pectinaria Kirkaldy. See Hindola pectinaria Kirkaldy.

Genus Pectinarophyes

Pectinarophyes. Typographical error for Pectinariophyes Kirkaldy. See Hindola Kirkaldy.

Genus Polyehaetopyhes

Polychaetopyhes. Typographical error for Polychaetophycs Kirkaldy.

Genus Polytrichophyes Schmidt

Polytrichophyes Schmidt. See Hindola Kirkaldy. aequalior Kirkaldy. See Hindola aequalior Kirkaldy.

Genus Pscudomachaerta

Pseudomachaerta. Typographical error for Pseudomachaerota Melichar.

Genus Quinquatrus Distant

 $\label{eq:Quinquatrus} \textit{Quinquatrus Distant. See $Hindola$ Kirkaldy.} \\ \textit{dohertyi Distant. See $Hindola dohertyi Distant.}$

Genus Soa Jacobi

Soa Jacobi. See Soamachaerota Metcalf. appendiculata Hacker. See Soamachaerota appendiculata Hacker. tmetoptera Jacobi. See Soamachaerota tmetoptera Jacobi.

Genus Taihorina Schumacher

Taihorina Schumacher. See Hindola Kirkaldy. geisha Kato. See Hindola geisha Schumacher. geisha Schumacher. See Hindola geisha Schumacher. tomon Matsumura. See Hindola geisha Schumacher.

Genus Xcnaias Distant

 $\label{eq:Xenaias} \textit{Xenaias Distant. See $Hindola$ Kirkaldy.} \\ \textit{notandus Distant. See $Hindola notanda Distant.}$

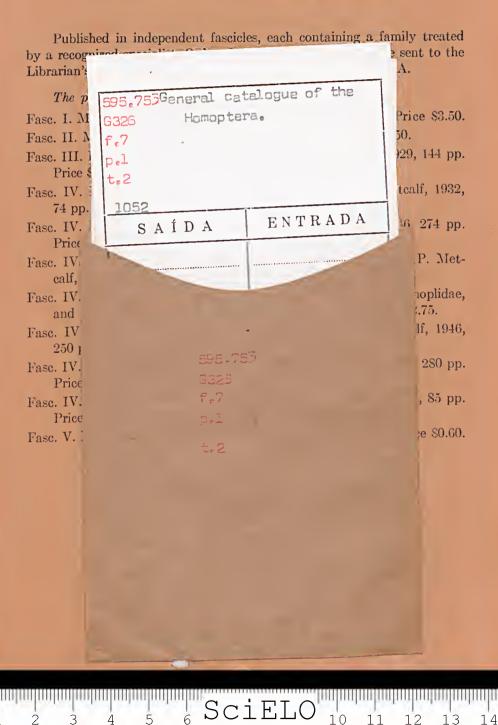


INDEX OF GENERA AND HIGHER GROUPS

Aphromachaerota Lallemand 21	Modiglianiella Schmidt 5, 46
Aphrosiphon China	Narnia Walker 29, 46
Apomachaerota Schmidt	Neurohindola Lallemand
Asimachaerota Matsumura 40, 45	Neuroleinia Lallemand
Carystus Stål	Neuromachaerota Schmidt 16
Chaetophyes Schmidt	Pachymachaerota Schmidt
Conditor Distant 40	Parahindola Baker
Conmachaerota Schmidt	Parahindoloides Lallemand 26
Enderleinia Schmidt 16	Pectinariophyes Kirkaldy 5, 46
Eumachaerota Schmidt	Platymachaerota Schmidt 28
Grypomachaerota Schmidt 27	Polychaetophyes Kirkaldy 24
Hindola Kirkaldy 5	Polytrichophyes Schmidt 5, 47
HINDOLINAE4	Promaxudea Lallemand
HINDOLINI. 4	Pseudomachaerota Melichar 20
Hindoloides Distant 21	Quinquatrus Distant 5, 47
HINDOLOIDINI 21	Serreia Baker
Machaeropsis Melichar 14	Sigmasoma Schmidt
Machaerota Burmeister 29	SIGMASOMINI. 27
MACHAEROTIDAE	Soa Jacobi
MACHAEROTINAE	Soamachaerota Metcalf 20
MACHAEROTINI	Strandiana Lallemand
Makiptyelus Maki	
Maxudea Schmidt 44	Taihorina Schumacher
MAXUDEINAE	Trichophyes Lallemand
Metaenderleinia Lallemand 14, 46	Weigoldella Haupt
Metabindola Lallemand . 21	Xengias Distant 5, 47



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